



BOROUGH OF HARROGATE

# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH  
AND  
CHIEF PUBLIC HEALTH INSPECTOR

For the Year

**1970**

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**MEDICAL OFFICER OF HEALTH**

**AND**

**CHIEF PUBLIC HEALTH INSPECTOR**

**For the Year**

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## **THE HOUSING AND HEALTH COMMITTEE**

**as at 31.12.70**

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Chairman: Councillor Mrs. P. B. HUNT

Vice-Chairman: Councillor R. B. PULLAN

Ald.	H. LENG	Coun.	Mrs. J. MORLEY
Coun.	Miss J. BINNS	,,	R. B. PULLAN
,,	Miss K. M. BRADLEY	,,	Miss G. A. STEPNEY
,,	G. HORNER	,,	F. THACKRAY
,,	Mrs. P. B. HUNT		

Ex-officio Members

THE MAYOR (Councillor EDWIN PICKARD)

Chairman of Finance Committee: Alderman F. W. ALLUM

## **HEALTH SUB-COMMITTEE**

Chairman: Councillor R. B. PULLAN

Ald.	H. LENG	Coun.	R. B. PULLAN
Coun.	Miss K. M. BRADLEY	,,	G. HORNER
,,	Mrs. J. MORLEY		



Telephone Number  
Harrogate 68954

Public Health Department,  
Municipal Offices,  
Harrogate.

To the Mayor, Aldermen and Councillors of the  
Borough of Harrogate.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present for your consideration the Annual Report for the year 1970 on the health of the Borough and the activities of your Health Department.

The report contains details of the personal health services provided by the West Riding County Council as well as of those services provided by the Corporation and should therefore provide a useful compendium of local authority health services in the Borough.

We are all aware that radical changes in the structure of local government and in the administration of the health services are to take place in 1974. There is much to be said for the proposal to integrate the hospital, general practitioner, and local authority health services under one administration, but an essential corollary to such action must be the maintenance of close links between the new health service structure and the local government of the area, whatever its future shape. The medical administrator—whatever he is called—will have a vitally important part to play in forging and maintaining these links if the services to the community are not to suffer.

Mr. Dodsworth retired in July, 1971, after a long and distinguished career in public health and public cleansing. He has become a national authority on some aspects of the work, and will be very much missed. We wish him a long and fruitful retirement.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

N. V. HEPPLÉ,

Medical Officer of Health.

## **PUBLIC HEALTH STAFF**

**as at 31.12.70**

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### **Medical Officer of Health and Divisional Medical Officer**

N. V. Hepple, M.D., B.S., B.Hy., D.P.H.

### **Deputy Medical Officer of Health and Senior Departmental Medical Officer**

Isobel B. Alexander, M.B., Ch.B., D.P.H.

### **Chief Public Health Inspector and Cleansing Superintendent**

E. Dodsworth, F.A.P.H.I., F.R.S.H., F.Inst., P.C. \* †

### **Senior Public Health Inspector**

F. Coe, A.R.S.H., Cert. S.I.B. \* †

### **Public Health Inspectors**

A. Howard, M.R.S.H., Cert. S.I.B., A.I.P.E. \* †

E. C. Coop, M.A.P.H.I., Cert. S.I.B. \*

R. Routh, M.A.P.H.I., Cert. S.I.B. \* †

L. Crelling, M.A.P.H.I., A.R.S.H., Dip., P.H.I.E.B., D.M.A.

### **Student Public Health Inspectors**

S. Oldridge      B. T. Fisher

### **Public Analysts**

Fred W. M. Jaffé, B.Sc., F.R.I.C.

### **Clerical Staff**

(also Clerical Staff of Division No. 7 (Harrogate) under the scheme of Divisional Administration of the Preventive Medical Services)

Divisional Administrative Officer      1

Senior Clerk      1

Other Clerical Staff      15

### **Public Health and Cleansing Departments Clerical Staff**

E. I. Davis (Senior Clerk)      Mrs. J. A. Dalby

Miss M. M. Atkinson      Miss S. Brown

Mrs. R. M. Jervis

\* Certificate of the Royal Sanitary Institute as Meat and Other Foods Inspector.

† Certificate of the Royal Sanitary Institute in Sanitary Science as applied to Buildings and Public Works.

‡ Certificate of the Royal Sanitary Institute as Smoke Inspector.

## STATISTICS

Registrar General's estimate of population (mid 1970) ..	62,810
Area (in acres) .. .. .	8,320
Number of inhabited houses, March 31st, 1970 ..	22,489
Rateable Value, March 31st, 1970 .. ..	£2,722,097
Sum represented by a penny rate, March 31st, 1970 ..	£10,777

## SOCIAL CONDITIONS OF THE AREA

Harrogate is an expanding town which depends largely on catering for large numbers of holiday and conference visitors through the hotel and catering trades. It also contains research establishments for the artificial fibres and tobacco industries, and for the manufacture of rubber. There is an increasing number of administrative departments of all types, and the town is the shopping centre for a large rural area, and for residents from other towns.

Juvenile unemployment was minimal, and at the end of the year, there were 556 men and 102 women registered as unemployed at the local exchange which also covers Knaresborough and adjacent areas. The unemployment percentage figure was 2.5 which was below the national average of 3.0.

## EXTRACTS FROM VITAL STATISTICS FOR THE YEAR 1970

<b>Live Births:</b>					<i>Male</i>	<i>Female</i>	<i>Total</i>
Legitimate	..	..	..	..	407	387	794
Illegitimate	..	..	..	..	43	39	82
Total					450	426	876
Crude birth rate per 1,000 population					..	..	13.9
Adjusted birth rate					..	..	14.7
Area Comparability Factor					..	..	1.06
<b>Still births:</b>					<i>Male</i>	<i>Female</i>	<i>Total</i>
Legitimate	..	..	..	..	6	4	10
Illegitimate	..	..	..	..	—	1	1
Still birth rate per 1,000 total (live and still) births							12.4
					<i>Male</i>	<i>Female</i>	<i>Total</i>
<b>Deaths</b>					359	500	859
Crude death rate per 1,000 population					..	..	13.7
Adjusted death rate					..	..	10.9
Area Comparability Factor					..	..	0.80

## Maternal Mortality:

There were no maternal deaths in Harrogate during 1970.

## Infant Mortality:

					<i>Male</i>	<i>Female</i>	<i>Total</i>
Legitimate	..	..	..	..	6	9	15
Illegitimate	..	..	..	..	1	—	1

## Death Rate of infants under 1 year of age:

All infants per 1,000 live births	..	..	..	18.3
Legitimate infants per 1,000 legitimate births	..	..	..	18.9
Illegitimate infants per 1,000 illegitimate births	..	..	..	12.2

## NOTES ON VITAL STATISTICS

### Births

The birth rate of 14.7 was slightly higher than in 1969. The rate for England and Wales was 16.0.

### Deaths

The death rate of 10.9 was higher than in the previous year and compared favourably with the national rate of 11.7.

The principal causes of death were:

Heart diseases (excepting Ischaemic heart disease)	..	65
Ischaemic heart disease	.. .. .	210
Cerebrovascular disease	.. .. .	137
Malignant neoplasms, Leukaemia, including neoplasms of lymphatic and haematopoietic tissue	.. .. .	158
Pneumonia, bronchitis, emphysema and asthma	..	80

These conditions together were responsible for almost four-fifths of the deaths.

## Natural Increase of Population

The number of births exceeded the number of deaths by 17.

## Infant Mortality

16 children under one year of age died during the year, giving an infantile mortality rate of 18.3 per 1,000 live births, as compared with 8.3 for the previous year and 18.2 for England and Wales.

## Deaths from stated Causes at Various Ages under One Year of Age:

Cause of Death	1969	1970									
		Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	4 wks. & under 3 mths.	3 and under 6 months	6 and under 9 months	9 and under 12 months	Total Deaths under 1 yr.
Prematurity .. .. .	3	2	-	-	-	2	-	-	-	-	2
Pneumonia .. .. .	1	-	-	-	1	1	1	1	-	1	4
Bronchitis .. .. .	1	-	-	-	-	-	-	-	-	-	-
Respiratory Distress Syndrome	1	2	-	-	-	2	-	-	-	-	2
Congenital Abnormalities ..	-	2	1	-	-	3	-	-	-	-	3
Injury at Birth .. .. .	-	2	-	-	-	2	-	-	-	-	2
Asphyxia due to inhalation of food particles .. .. .	1	-	-	-	-	-	1	-	-	-	1
Cot death due to suffocation	-	-	-	-	-	-	-	1	-	-	1
Other Causes .. .. .	-	1	-	-	-	1	-	-	-	-	1
Totals ..	7	9	1	-	1	11	2	2	-	1	16

## Cremations

During 1970 there were 919 cremations at the Stonefall Crematorium of whom 537 had been Harrogate residents.



**Causes of Death.**  
**Registrar-General's Return, 1970**

Cause		Male	Female	Total
1	Cholera .. .. .	—	—	—
2	Typhoid fever .. .. .	—	—	—
3	Bacillary dysentery and amoebiasis ..	—	—	—
4	Enteritis and other diarrhoeal diseases ..	—	—	—
5	Tuberculosis of respiratory system ..	—	—	—
6	Other tuberculosis, including late effects ..	1	1	2
7	Plague .. .. .	—	—	—
8	Diphtheria .. .. .	—	—	—
9	Whooping cough .. .. .	—	—	—
10	Streptococcal sore throat and scarlet fever	—	—	—
11	Meningococcal infection .. .. .	—	—	—
12	Acute poliomyelitis .. .. .	—	—	—
13	Smallpox .. .. .	—	—	—
14	Measles .. .. .	—	—	—
15	Typhus and other rickettsioses .. .. .	—	—	—
16	Malaria .. .. .	—	—	—
17	Syphilis and its sequelae .. .. .	—	—	—
18	All other infective and parasitic diseases	1	—	1
19	Malignant neoplasms, Leukaemia, including neoplasms of lymphatic and haematopoietic tissue .. .. .	72	86	158
20	Benign neoplasms and neoplasms of unspecified nature .. .. .	—	3	3
21	Diabetes mellitus .. .. .	3	6	9
22	Avitaminoses and other nutritional deficiency .. .. .	—	—	—
23	Anaemias .. .. .	—	2	2
24	Meningitis .. .. .	—	—	—
25	Active rheumatic fever .. .. .	—	1	1
26	Chronic rheumatic heart disease .. .. .	6	4	10
27	Hypertensive disease .. .. .	5	12	17
28	Ischaemic heart disease .. .. .	91	119	210
29	Other forms of heart disease .. .. .	11	27	38
30	Cerebrovascular disease .. .. .	45	92	137
31	Influenza .. .. .	4	4	8
32	Pneumonia .. .. .	31	25	56
33	Bronchitis, emphysema and asthma .. .. .	20	4	24
34	Peptic ulcer .. .. .	3	3	6
35	Appendicitis .. .. .	—	2	2
36	Intestinal obstruction and hernia .. .. .	—	2	2
37	Cirrhosis of liver .. .. .	—	3	3
38	Nephritis and nephrosis .. .. .	—	2	2
39	Hyperplasia of prostate .. .. .	—	—	—
40	Abortion .. .. .	—	—	—
41	Other complications of pregnancy, childbirth and puerperium .. .. .	—	—	—
42	Congenital abnormalities .. .. .	4	3	7
43	Birth injury, difficult labour and other anoxic and hypoxic conditions .. .. .	2	1	3
44	Other causes of perinatal mortality .. .. .	—	3	3
45	Symptoms and ill-defined conditions .. .. .	4	7	11
46	All other diseases .. .. .	36	64	100
47	Motor vehicle accidents .. .. .	9	—	9
48	All other accidents .. .. .	8	17	25
49	Suicide and self-inflicted injuries .. .. .	3	6	9
50	All other external causes .. .. .	—	1	1
Total		359	500	859

# VITAL STATISTICS OF HARROGATE FOR 1970 AND PREVIOUS YEARS

Year	Estimated Population	Live Births		Deaths			
				Under 1 year of age		At all ages	
		No.	Rate	No.	Rate per 1,000 live Births	No.	Rate
1935	39,270	457	11.6	28	61.2	544	13.8
1936	39,210	460	11.7	30	65.2	550	14.0
1937	39,110	470	12.0	24	51.1	559	14.3
1938	42,885	514	12.0	52	48.6	647	15.1
1939	46,020	579	12.6	25	43.0	646	14.0
1940	52,200	583	11.2	35	59.2	737	14.1
1941	54,790	594	10.8	30	48.6	706	12.9
1942	52,180	724	13.9	27	37.3	654	12.5
1943	50,180	625	12.5	22	35.2	702	14.0
1944	49,740	736	14.8	20	27.2	676	13.6
1945	48,730	679	13.9	25	36.8	682	13.9
1946	49,300	818	16.6	24	29.3	684	13.9
1947	49,660	906	18.2	32	35.3	724	14.6
1948	52,300	795	15.2	18	22.6	665	12.7
1949	51,930	690	13.3	25	36.0	771	12.5
1950	51,920	649	11.9	33	51.0	776	12.4
1951	51,210	663	12.3	19	28.7	774	12.5
1952	51,050	667	12.4	13	19.5	720	11.7
1953	51,290	678	12.6	18	26.5	609	9.9
1954	51,690	621	12.6	7	11.3	695	10.1
1955	51,710	620	12.6	16	25.8	706	10.0
1956	51,930	731	14.8	17	23.3	733	11.4
1957	52,220	758	15.1	18	23.7	720	11.0
1958	52,420	782	15.5	19	24.3	784	12.1
1959	52,890	773	15.2	20	25.9	712	10.8
1960	53,720	821	15.9	12	14.6	712	10.6
1961	56,350	902	16.0	21	23.3	782	12.1
1962	56,790	884	15.6	17	19.2	740	11.3
1963	57,480	946	17.4	12	12.7	755	10.8
1964	58,230	967	17.6	17	17.6	773	10.9
1965	59,420	931	16.6	19	20.4	806	11.1
1966	60,090	922	16.3	12	13.0	804	11.0
1967	60,720	958	16.7	14	14.6	699	9.3
1968	62,200	937	16.0	16	17.1	890	11.6
1969	62,680	839	14.2	7	8.3	857	10.9
1970	62,810	876	14.7	16	18.3	859	10.9

The deaths from the year 1949 have been adjusted by an Area Comparability factor supplied by the Registrar General and the births have been similarly adjusted since 1950. These factors are 0.80 and 1.06 respectively.

## **GENERAL PROVISION OF HEALTH SERVICES IN THE AREA**

### **LABORATORY FACILITIES**

#### **(a) Chemical**

The chemical analysis of milk, foodstuffs, spring and well water is carried out by Messrs. Richardson and Jaffé, Bradford. The chemical analysis of the public water supply is carried out for the Claro Water Board by Messrs. T. Fairley & Partner, Leeds.

#### **(b) Bacteriological**

Samples of milk and other food stuffs, including ice-cream, are taken for bacteriological examination to the Public Health Laboratory at Seacroft Hospital, Leeds, and this laboratory also undertakes the bacteriological examination of the public water supply for the Claro Water Board.

Any special investigation into outbreaks of infection and the isolation and typing of virus is undertaken by the Public Health Laboratory at Seacroft. The routine bacteriological examination of clinical material such as throat swabs is done at the laboratory of the Harrogate General Hospital.

### **REMOVAL TO SUITABLE PREMISES OF PERSONS IN NEED OF CARE AND ATTENTION**

No action was taken during 1970.



# **HEALTH SERVICES PROVIDED BY THE COUNTY COUNCIL**

## **REPORT OF DIVISIONAL MEDICAL OFFICER FOR 1970 DIVISION No. 7**

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### **CONTENTS**

1. Population
2. Divisional Staff
3. School Health Service
4. Speech Therapy
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6. Child Guidance Clinic
7. Care of Mothers and Young Children
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10. Home Nursing
11. Vaccination and Immunisation
12. Mental Health
13. Home Help Service
14. Prevention, Care and After-Care of Tuberculosis
15. Cervical Cytology
16. Chiropody
17. Registration of Nursing Homes
18. Registration of Old People's Homes
19. Children Neglected or Ill-treated in their own Homes —  
Prevention of Break-up of Families
20. Medical Examination of Staff, etc.
21. Health Education

## 1. POPULATION

The estimated populations of the areas are as follows:—

Harrogate Borough	..	..	62,810
Ripon City	..	..	11,880
Knaresborough Urban District	..	..	11,330
Nidderdale Rural District	..	..	17,800
Ripon and Pateley Bridge Rural District	..	..	14,330
Total ..			118,150

## 2. DIVISIONAL STAFF

### Medical Officers:

N. V. Hepple, M.D., B.S., B.Hy., D.P.H., Divisional Medical Officer.

Isobel B. Alexander, M.B., Ch.B., D.P.H., Senior Departmental Medical Officer.

Mary Polson, B.Sc., M.B., Ch.B., D.Obst., R.C.O.G., Senior Departmental Medical Officer.

P. A. G. M. Ashmore, M.R.C.S., L.R.C.P., Departmental Medical Officer.

A. W. I. Hall, M.B., B.Chir., Departmental Medical Officer.

\*P. C. N. Clarke, M.R.C.P., D.C.H., Paediatrician.

\*P. A. I. MacLeod, M.B., Ch.B., F.R.F.P.S., Orthopaedic Surgeon.

\*Rosemary Hawe, M.B., Ch.B., B.A.O., D.O., Ophthalmologist.

\*W. S. Suffern, M.D., M.R.C.P., Cardiologist.

\*Elizabeth Gore, M.D., D.P.M., Consultant Psychiatrist, Child Guidance Clinic.

Anastasia Holroyd, M.A., M.B., B.S.

Katherine H. Odling-Smee, M.B., Ch.B.

Marjorie Parsons, M.B., Ch.B.

Isobel Critchley, M.B., Ch.B.

Margaret E. Manning, M.B., Ch.B.

} Clinic doctors  
working on a  
sessional basis

*\*Part-time from Regional Hospital Board.*

## Speech Therapists

Full-time	..	..	..	..	..	..	..	1
Part-time	..	..	..	..	..	..	..	1

## Child Guidance Staff (part-time)

Psychologists	..	..	..	..	..	..	..	2
Psychiatric Social Worker	..	..	..	..	..	..	..	1
Remedial Teacher	..	..	..	..	..	..	..	1
Clerical	..	..	..	..	..	..	..	1

## Mental Health Service

Senior Mental Welfare Officer	..	..	..	..	..	..	..	1
Mental Welfare Officers	..	..	..	..	..	..	..	3
Harrogate Training Centre	..	..	..	..	..	..	..	9
Harrogate Hostel	..	..	..	..	..	..	..	2

## Dental Officers

Mr. K. Cowell, L.D.S.								
Mr. M. Hattan, L.D.S.								
Mr. G. A. Thompson, L.D.S. (part-time, Orthodontic Consultant).								
Mr. R. F. Grainger, L.D.S. (part-time)								
Mr. M. Hollings, L.D.S. (part-time)								
Mr. J. G. Wills, L.D.S. (part-time).								

## Nursing Staff

Divisional Nursing Officer	..	..	..	..	..	..	..	1
Health Visitors who are also school nurses	..	..	..	..	..	..	..	18
Health Visitor (part-time)	..	..	..	..	..	..	..	1
Health Visitor employed on Hospital Liaison Duties	..	..	..	..	..	..	..	1
Tuberculosis Health Visitor (part-time)	..	..	..	..	..	..	..	1
Assistant Health Visitors	..	..	..	..	..	..	..	2
Assistant Health Visitors (part-time)	..	..	..	..	..	..	..	6
Home Nurses	..	..	..	..	..	..	..	13
Home Nurses (part-time)	..	..	..	..	..	..	..	2
Home Nurse Midwives	..	..	..	..	..	..	..	11
Midwives	..	..	..	..	..	..	..	4

## Administrative

Divisional Administrative Officer	..	..	..	..	..	..	..	1
Clerical	..	..	..	..	..	..	..	18

## Sale of Food Assistants

Part-time	..	..	..	..	..	..	..	2
-----------	----	----	----	----	----	----	----	---

### Dental Assistants

Full-time	..	..	..	..	..	..	..	1
Part-time	..	..	..	..	..	..	..	4

### Albany Avenue Day Nursery

Nursing Staff	..	..	..	..	..	..	..	7
Domestic Staff (part-time)			..	..	..	..	..	4

### Home Helps

Working whole-time	..	..	..	..	..	..	..	4
Working part-time	..	..	..	..	..	..	..	227

### Domestic Staff, etc.

Cleaners (part-time)	..	..	..	..	..	..	..	13
Gardener/Handyman (part-time)	..	..	..	..	..	..	..	1
Cook, Harrogate Training Centre	..	..	..	..	..	..	..	1
Maids, Harrogate Training Centre	..	..	..	..	..	..	..	3
Escorts, Harrogate Training Centre	..	..	..	..	..	..	..	3
Caretaker, Harrogate Training Centre	..	..	..	..	..	..	..	1
Caretaker, Health Centre, Knaresborough Road	..	..	..	..	..	..	..	1

### 3. SCHOOL HEALTH SERVICE

#### A. School Medical Inspections

All new entrants to schools are medically examined but subsequent examinations are done on a selective basis. In 1970 there was a slight decrease in the number of pupils given a full medical examination and this was due, in the main, to the introduction of selective examinations for the school leaver age groups.

Defective vision requiring treatment formed 35% of the total defects.

Age Groups born	No. of pupils who have received a full medical examination	Physical Condition of Pupils Inspected		No. of Pupils found not to warrant a medical examination	Pupils found to require treatment (excluding dental diseases and infestation with vermin)		
		Satisfactory	Unsatisfactory		For defective vision (excluding squint)	For any other condition recorded at Part II	Total Individual pupils
1966 and later	39	39	—	—	1	3	4
1965	1,131	1,130	1	—	32	138	158
1964	605	604	1	—	21	98	110
1963	191	191	—	38	3	26	28
1962	348	348	—	254	32	81	99
1961	194	194	—	161	12	35	44
1960	115	115	—	158	9	20	25
1959	210	209	1	282	25	50	65
1958	125	125	—	287	15	27	35
1957	40	40	—	17	6	8	11
1956	48	48	—	244	2	7	9
1955 and earlier	171	171	—	461	26	23	47
TOTAL	3,217	3,214	3	1,902	184	516	635

## B. Other Inspections

Number of Special inspections	..	..	..	..	452
Number of re-inspections	..	..	..	..	340
					<hr/>
Total	..			..	792
					<hr/>

## C. Infestation with Vermin

(a) Total number of individual examinations of pupils in schools by School Nurses or other authorised persons	11,705
(b) Total number of individual pupils found to be infested	194
(c) Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2), Education Act, 1944)	18
(d) Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3), Education Act, 1944)	—

1·6% of the children examined were found to have dirty heads, compared with 1·7% in 1969, and 1·5% in 1968.



## D. Periodic and Special Inspections

Defect or Disease	Entrants		Leavers		Others		Total		Special Inspec- tions	
	(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)
Skin ..	14	22	3	7	50	49	67	78	5	1
Eyes										
(a) Vision ..	33	101	26	35	125	120	184	256	27	36
(b) Squint ..	5	25	—	3	26	25	31	53	—	15
(c) Other ..	—	6	—	2	5	12	5	20	—	3
Ears										
(a) Hearing ..	5	69	4	5	24	97	34	171	6	38
(b) Otitis Media ..	6	13	1	1	9	10	16	24	1	4
(c) Other ..	1	1	—	—	1	3	2	4	1	2
Nose and Throat ..	19	36	2	4	32	49	53	89	3	15
Speech ..	30	13	2	1	20	19	52	33	6	2
Lymphatic Glands	5	5	—	—	—	3	5	8	—	—
Heart ..	5	11	1	1	5	13	11	25	2	2
Lungs ..	14	18	1	5	40	33	55	56	4	4
Developmental:										
(a) Hernia ..	2	2	—	—	3	10	5	12	2	2
(b) Other ..	9	25	1	1	33	51	43	77	1	1
Orthopaedic										
(a) Posture ..	—	5	—	2	4	1	4	8	1	1
(b) Feet ..	21	29	1	1	39	56	61	86	12	12
(c) Other ..	3	14	—	4	17	21	20	39	3	3
Nervous System:										
(a) Epilepsy ..	—	2	—	1	9	11	9	14	1	1
(b) Other ..	21	59	—	4	38	57	59	120	6	6
Psychological:										
(a) Development	2	7	—	—	7	29	9	36	5	5
(b) Stability ..	1	13	—	—	8	18	9	31	2	2
Abdomen ..	2	3	—	—	5	6	7	8	4	4
Other ..	5	25	6	2	19	17	30	44	1	5

(T) Treatment.

(O) Observation.

## Eye Diseases, Defective Vision and Squint

	Number of Cases known to have been dealt with
External and other, excluding errors of refraction and squint .. .. .	87
Errors of refraction (including squint) .. .. .	701
Total	788
Number of Pupils for whom spectacles were prescribed .. .. .	426

## Diseases and Defects of Ear, Nose and Throat

	Number of Cases known to have been dealt with
Received operative treatment—	
(a) for diseases of the ear .. .. .	—
(b) for adenoids and chronic tonsillitis .. .. .	142
(c) for other nose and throat conditions .. .. .	64
Received other forms of treatment .. .. .	32
Total	238

Total number of pupils in schools who are known to have been provided with hearing aids:—

(a) in 1970 .. .. .	2
(b) in previous years .. .. .	12

## Orthopaedic and Postural Defects

Number of pupils known to have been treated at clinics or out-patient departments .. .. .	4
Pupils treated at school for postural defects .. .. .	—



## E. Handicapped Pupils

These are children who, by reason of physical or mental disability, need special educational treatment in ordinary or special schools.

291 children were on the register at the end of the year as detailed below:—

	In ordinary school	In special school	Not attending school	Home tuition
Blind .. ..	—	4	1	—
Partially sighted .. ..	6	5	—	—
Deaf .. ..	—	8	—	—
Partially hearing .. ..	13	7	—	—
Educationally sub-normal	65	84	—	1
Epileptic .. ..	3	—	—	—
Maladjusted .. ..	10	15	—	—
Physically handicapped ..	33	15	2	1
Delicate .. ..	1	1	—	—
Double defect .. ..	*8	†7	‡1	—
Total	139	146	4	2

\* 7 Esn/Physically Handicapped  
1 Esn/Partially Hearing

† 5 Esn/Physically Handicapped  
2 Esn/maladjusted

‡ 1 Esn/Physically Handicapped

## F. Audiometry

Routine testing of school children from the age of seven years was continued during 1970 by health visitors who have received special training in the use of the pure-tone audiometer. 1,620 school children in this group were tested, of whom 47 were referred for further investigation.

The health visitors are also trained in the methods of testing the hearing of the pre-school children from the age of six months onwards.

## 4. SPEECH THERAPY

In September a West Riding Speech Therapist was appointed who works two days per week in Harrogate and Knaresborough and the rest of her time in another Division. This extra help has been of great assistance although it does not fully meet the demand for speech therapy in this area.

118 new cases were treated during the year and the treatment of 142 others was continued. Most of the treatment is carried out in schools but the Speech Therapists attend Dragon Parade Clinic, Harrogate, and Alma House Clinic, Ripon. 59 domiciliary visits were made.

## 5. CARDIAC CLINIC

During 1970 a total of 15 sessions of the Cardiac Clinic were held at irregular intervals, when 102 children made a total of 117 attendances. Although 15 new cases were referred to the Clinic, the number of children attending declined, as the former practice of referring infants with heart conditions from the Paediatric Clinic to the special children's Cardiac Clinic seems to have lapsed and so there is no "intake" to replace older children who are either transferred to the adult Cardiac Clinic or returned to the care of their own doctors.

During the period under review 4 children were transferred to the adult Cardiac Clinic at Harrogate Hospital, while 4 others were returned to the care of their general practitioners. 5 children were referred to the Cardiac Unit in Leeds for further investigation.

## 6. CHILD GUIDANCE CLINIC

During the year 111 new cases were seen. 81 boys and 30 girls. 101 of these were referred from this Division:-

				<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Divisional Medical Officer	..	..	..	38	13	51
General Practitioners	..	..	..	11	4	15
Head-teachers	..	..	..	9	1	10
Parents	..	..	..	9	4	13
Paediatrician	..	..	..	3	4	7
Others	..	..	..	3	2	5
				<hr/> 73	<hr/> 28	<hr/> 101

Dr. E. Gore, the Consultant Psychiatrist, reports as follows:—

"The figures show an overall decrease in new cases seen, partly due to a rather smaller number referred by General Practitioners. It seems likely that more emotional problems are being referred to the Paediatrician than previously. The slight fall in total number of new cases has enabled us to spend more time studying and treating the families, which has also been possible because we have had three students training in social work this year, two from the Leeds Course and one a West Riding trainee.

Mr. Popplewell has been appointed as remedial teacher but we are hoping that Miss Stather, whose work has been so valuable, particularly in the morning group with severely disturbed children with educational problems, and also in helping children with visual perceptual difficulties, will be able to continue on a part-time basis.

The work with the morning group has prevented a number of children having to be recommended for maladjusted schools, an important point in view of the extreme shortage of places in such schools.

This annual report tends to look more to the future in view of the changes in legislation and planning. Since the future of Child Guidance Clinics such as the clinic here in Harrogate is in some doubt, we all feel a certain unease in regard to our situation. The members of the clinic team here certainly feel, however, that this type of clinic with its close contact with families, community services, schools and general practitioners, and with its team approach, continues to have a value. The regular assessment, diagnosis, planning of treatment and follow-up of all our cases, and its connection with the medical discipline, also seems to us important.

With regard to our contacts outside the clinic, these have, if anything, increased. We now regularly hold lunch-time meetings on Fridays as well as Thursdays and usually invite those involved with the cases, such as Head Teachers, Children's Officers, etc., and sometimes additional students attend".

## 7. CARE OF MOTHERS AND YOUNG CHILDREN

### (a) Births

#### Return of Births Notified in the Divisional Area during the Year

DETAILS	BIRTHS				TOTAL
	Domiciliary		Institutional		
	Live	Still	Live	Still	
(a) Primary notifications	63	—	2,093	27	2,183
(b) Add Inward Transfers	—	—	86	1	87
(c) Total Notifications received	63	—	2,179	28	2,270
(d) Deduct Outward Transfers	—	—	586	6	592
(e) Total adjusted births	63	—	1,593	22	1,678
ANALYSIS OF INSTITUTIONAL BIRTHS					
Born in					
(a) Hospitals			1,591	22	
(b) Maternity Homes			—	—	
(c) Nursing Homes			2	—	
TOTAL			1,593	22	

Only 4.7% of births to residents of the Division took place at home.

**(b) Ante-Natal and Post Natal Clinics**

Name and Address of Ante-natal/Post-natal Clinic (whether held at Infant Welfare Centre or other premises)	No. of separate sessions held during year				No. of women in attendance (including those seen at combined infant welfare & ante- natal sessions)		Total No. of attendances (including those seen at combined infant welfare and ante- natal sessions)		
	Local Health Authority Medical Officers	Midwives (excluding mother- craft & re- laxation)	General practi- tioners employed on sessional basis	Hosp- ital Med. Staff	Total	A/N	P/N	A/N	P/N
2, Dragon Parade, Harrogate	—	44	—	—	44	33	—	87	—
Fysche Hall, Iles Lane Knaresborough	—	51	—	—	51	34	—	150	—
Totals .. ..	—	95	—	—	95	67	—	237	—



**(c) Ante-Natal Mothercraft and Relaxation Classes.**

Name and Address of Centre	No. of sessions held during the year		No. of women who attended during the year			Total number of attendances made during the year		
	Separate Sessions	Combined with A/N. clinic sessions	Institutionally booked	Domiciliary booked	Total	Institutionally booked	Domiciliary booked	Total
2 Dragon Parade, Harrogate .. ..	118	—	143	2	145	795	9	804
Health Centre, Knaresborough Road, Harrogate .. ..	56	—	68	—	68	299	—	299
217A Skipton Road, Harrogate .. ..	94	—	101	—	101	580	—	580
Fysche Hall, Iles Lane, Knaresbro' .. ..	40	—	63	—	63	302	—	302
Church Hall, Upper Poppleton .. ..	—	—	—	—	—	—	—	—
Health Centre, Boroughbridge .. ..	50	—	18	2	20	141	18	159
Alma House, Ripon .. ..	5	—	46	1	47	275	8	283
Claro Barracks, Ripon .. ..	—	—	—	—	—	—	—	—
Menwith Hill .. ..	3	—	21	—	21	70	—	70
Health Centre, Pateley Bridge .. ..	14	—	8	1	9	44	7	51
Totals .. ..	380	—	468	6	474	2,506	42	2,548

(d) Infant Welfare Centres

Name and Address of Centre	No. of Infant Welfare Sessions held during year by				Total	No. of children who attended for the first time during the year and who were born in			Total No. of children who attended during the year	No. of attendances during the year made by children who were born in			Total attendances during the year		
	Local Health Authority Medical Officers	Health Visitors only	General practitioners employed on sessional basis	Hospital Medical Staff		1970	1969	1965/1968		1970	1969	1965/1968			
Central Clinic, Dragon Parade, Harrogate	100	—	—	—	100	112	112	79	303	841	740	216	1,797		
St. John Ambulance H.Q., Starbeck	13	—	—	—	13	21	87	35	143	62	333	62	457		
Health Centre, Knaresborough Road	39	—	—	—	39	126	32	73	231	1,396	617	239	2,252		
2179 Skipton Road, Harrogate	—	52	49	—	101	241	259	238	738	2,829	2,455	732	6,016		
St. Mark's Parochial Hall, Harrogate	—	—	25	—	25	47	42	28	117	296	233	118	647		
Methodist Buildings, College Rd., Harrogate	23	—	—	—	23	41	58	36	135	310	274	67	651		
Pannal Memorial Hall, Pannal, Harrogate	—	—	11	—	11	11	8	18	37	38	40	40	118		
Penny Pot Lane, Harrogate (Army premises)	—	20	—	—	20	12	15	9	36	34	54	12	100		
Fysche Hall, Iles Lane, Knaresborough	101	—	—	—	101	149	150	176	475	1,362	1,233	950	3,545		
Health Centre Boroughbridge	25	—	—	—	25	27	24	36	87	259	160	77	496		
Church Hall, Upper Poppleton	42	—	—	—	42	51	53	66	170	444	425	118	987		
Alma House, Ripon	48	—	—	—	48	52	72	69	193	512	553	207	1,272		
Claro Barracks, Ripon	—	13	—	—	13	31	26	25	82	154	130	85	369		
Summerbridge	—	—	12	—	12	17	21	17	55	83	82	48	213		
Mobile Clinic	196	—	234	—	430	213	225	237	675	793	1,005	646	2,444		
Totals	587	85	331	—	1,003	1,151	1,184	1,142	3,477	9,413	8,334	3,617	21,364		

In addition, the Mobile Clinic provides infant welfare centre services in the rural parts of the area as follows:—

Hampsthwaite	Friday	Fortnightly
Killinghall	Friday	„
Aldfield	Tuesday	Monthly
Birstwith	Monday	„
Bishop Monkton	Friday	„
Bishop Thornton	Monday	„
Burnt Yates	Monday	„
Burton Leonard	Friday	„
Copt Hewick	Tuesday	„
Darley	Monday	„
Follifoot	Wednesday	„
Glasshouses	Monday	„
Grafton	Wednesday	„
Grantley	Tuesday	„
Green Hammerton	Wednesday	„
Grewelthorpe	Tuesday	„
Great Ouseburn	Wednesday	„
H.M.S. Forest Moor	Monday	„
Heyshaw Lane End	Monday	„
Hunsingore	Wednesday	„
Kirby Malzeard	Tuesday	„
Kirk Hammerton	Wednesday	„
Lead Lane, Ripon	Friday	„
Little Ouseburn	Wednesday	„
Lofthouse	Monday	„
Markington	Monday	„
Marton	Wednesday	„
Moor Monkton	Wednesday	„
Nun Monkton	Wednesday	„
Nunwick	Tuesday	„
Ramsgill	Monday	„
Ripon Army Camp	Tuesday	„
Rufforth	Wednesday	„
Sawley	Tuesday	„
Scotton	Friday	„
Staveley	Friday	„
Shaw Mills	Monday	„
Skelton	Tuesday	„
Studley	Tuesday	„
Whixley	Wednesday	„
Winksley	Tuesday	„



#### **(e) Routine Tests on Young Babies**

Up to the end of March, 1970, the urine of young babies was tested routinely to eliminate the possibility of phenylketonuria, a metabolic abnormality which can produce mental defect if it is untreated. 234 children were tested, all with negative results.

As from the 1st April, the urine test was superseded by the Guthrie test, a new test which is done on a spot of blood taken from the child's heel. 1,389 tests were made up to the end of the year, all of which proved negative.

The health visitors and midwives also test young infants for congenital dislocation of the hip using the Ortolani test. Two confirmed cases were discovered during the year.

#### **(f) Dental Care**

The arrangements for dental treatment of expectant and nursing mothers have continued.

#### **(g) Care of Unmarried Mothers and their Children**

In approved cases grants are made by the County Council towards the cost of institutional care before and after confinement for a period of up to a maximum of thirteen weeks, excluding the lying-in.

124 cases came to the attention of the Department during the year. 1 girl was under the age of fifteen, 50 were between the ages of fifteen and nineteen, 45 between twenty and twenty-four, 12 between twenty-five and twenty-nine, 14 between thirty and thirty-nine and 2 were over forty.

#### **(h) Care of Premature Infants**

Two special portable incubators with electrical heating are available for the transport of premature babies to hospital. These prevent injury from chilling. One incubator is based at the Ambulance Station in Harrogate and the other is kept available at the Maternity Unit of Ripon Hospital.

#### **(i) Albany Avenue Day Nursery**

This day nursery is open from 8.30 a.m. to 4.30 p.m. from Monday to Friday. Children are admitted whose mothers are obliged to maintain themselves and their families by going out to work or who have other priority needs. The health of the children is supervised by the medical staff of the Department.

## **(j) Inspection of Children at Residential Nurseries and County Children's Homes**

Medical inspections are carried out at the Residential Nurseries and County Children's Homes by the medical staff of the Department. In addition, all children are examined on admission and discharge and any medical problems dealt with.

## **8. MIDWIFERY**

The midwifery staff of the Division consists of 4 whole-time midwives and 11 midwives who are also home nurses. They attended a total of 58 home confinements during 1970.

In addition to attending the home confinements the midwives visited 1,073 hospital and maternity home patients who went home before the tenth day. 318 of these patients were discharged home at forty-eight hours, 307 were discharged after forty-eight hours but up to and including the fifth day and 448 after the fifth but before the tenth day. Twice daily visits are made during the first three days of puerperium and daily visits thereafter, up to the tenth day.

Owing to the shortage of accommodation in the maternity units of the Harrogate and Ripon Hospitals and the York Maternity Home, applications for maternity beds made on social grounds are investigated by the domiciliary midwives.

The need to call out the Obstetric Flying Squad did not arise during the year.

### **Medical Aid Notices**

6 medical aid notices were issued by midwives during the year, all in respect of domiciliary cases. The following summary gives the conditions for which medical aid was sought:—

Pregnancy	..	..	—
Labour	..	..	—
Lying-in	..	..	5
The child	..	..	1

### **Analgesia**

Analgesia was administered by County Council midwives to domiciliary patients as follows:—

Trilene	..	..	12
Pethidine	..	..	9
Trilene and Pethidine			23

## 9. HEALTH VISITING

19 full-time health visitors, 2 part-time health visitors, 2 full-time assistants to health visitor and 6 part-time assistants to health visitor were employed in the Division at the end of the year. All the full-time health visitors are attached to General Practitioners. 1 full-time health visitor and 1 part-time health visitor did tuberculosis visiting and maintained liaison between the Health Department and the Chest Physicians. Another was largely occupied with the admission and discharge of elderly people to hospitals, old people's homes and Part III accommodation, working closely with the Geriatric Unit at Knaresborough Hospital. Like the rest of the nursing staff, the health visitors work under the general direction of the Divisional Nursing Officer.

The following table shows categories of visits made:—

	No. of cases i.e., first visits
1. Total number of cases .. .. .	9,486
2. Children born in 1970 .. .. .	1,679
3. Children born in 1969 .. .. .	1,542
4. Children born in 1965-68 .. .. .	2,700
5. Total number of children in lines 2-4 .. ..	5,921
6. Persons aged 65 or over (excluding "domestic help only" visits) .. .. .	1,677
7. Number included in line 6 who were visited at the special request of a general practitioner or hospital ..	918
8. Mentally disordered persons .. .. .	56
9. Number included in line 8 who were visited at the special request of a general practitioner or hospital ..	39
10. Persons, excluding maternity cases, discharged from hospital (other than mental hospitals) .. ..	134
11. Number included in line 10 who were visited at the special request of a general practitioner or hospital ..	105
12. Number of tuberculous households visited (i.e., visits by health visitors not employed solely on tuberculosis work) .. .. .	68
13. Number of households visited on account of other infectious diseases .. .. .	46
14. Other cases .. .. .	1,584

## 10. HOME NURSING

13 home nurses, 2 part-time home nurses, and 11 home nurse-midwives were nursing in the Division at the end of the year. Almost all the Home Nurses are attached to General Practitioners.

The following table gives classification of the work carried out:

Classification	No. of cases attended by Home Nurses during the year	No. of visits paid by Home Nurses during the year
Medical .. .. .	1,848	51,781
Surgical .. .. .	384	11,034
Infectious diseases .. .. .	17	226
Tuberculosis .. .. .	5	115
Maternal complications ..	75	618
Other .. .. .	32	242
<b>TOTALS ..</b>	<b>2,361</b>	<b>64,016</b>

## 11. VACCINATION AND IMMUNISATION

Protection is offered against diphtheria, whooping cough and tetanus, poliomyelitis, smallpox, and measles.

### (a) Vaccination of Persons under 16 years completed during 1970 Completed Primary Courses

Type of vaccine or dose	Year of Birth					Others under age 16	Total
	1970	1969	1968	1967	1963-1966		
Triple (Diphtheria/Tetanus/Whooping Cough)	8	1,000	287	7	11	—	1,313
Diphtheria/Tetanus	—	1	5	—	8	3	17
Diphtheria	—	—	—	—	—	—	—
Tetanus	—	—	—	1	—	19	20
Poliomyelitis	8	1,002	297	9	27	3	1,346
Measles	1	310	412	107	163	19	1,012



## Reinforcing Doses

Type of vaccine or dose	Year of Birth					Others under age 16	Total
	1970	1969	1968	1967	1963- 1966		
Triple (Diphtheria/Tetanus/ Whooping Cough)	—	29	25	2	137	18	211
Diphtheria/Tetanus	—	—	4	5	788	54	851
Diphtheria	—	—	—	—	2	—	2
Tetanus	—	—	4	7	26	96	133
Poliomyelitis	—	30	31	10	839	181	1,091
Measles	—	—	—	—	—	—	—

### (b) Vaccination Against Smallpox

The numbers in different age groups vaccinated or re-vaccinated during the year are shown below:—

Age at Date of Vaccination	Under 1	1	2—4	5—15	Total
No. Vaccinated ..	63	1,120	211	79	1,473
No. Re-vaccinated ..	—	—	12	91	103

### (c) B.C.G. Vaccination

B.C.G. Vaccination was again offered to all children 13 years of age and over attending schools in the area.

The following are details of work carried out:—

1. No. of Medical Officers (including Divisional Medical Officer) approved to undertake B.C.G. Vaccination 5
2. Acceptances
  - (a) No. of children offered tuberculin testing and vaccination if necessary (whether the offer was made during the year or previously) .. .. 1,590
  - (b) No. of (a) found to have been vaccinated previously .. .. 12
  - (c) No. of acceptances .. .. 1,430
  - (d) Percentage of acceptances .. .. 89.93%

3. Pre-Vaccination Tuberculin Test					
(a) No. of children 2(c) tested	..	..	..	..	1,389
(b) Result of Heaf Test:					
(i) Positive	..	..	..	..	88
(ii) Negative	..	..	..	..	1,224
(iii) Not ascertained	..	..	..	..	77
(c) Percentage positive	..	..	..	..	6.33%
4. Vaccination					
No. vaccinated following negative Heaf Test	..	..	..	..	1,205

## 12. MENTAL HEALTH

### (a) Mental Welfare

#### Harrogate Therapeutic Club

At the end of 1970 there were 47 names on the register of patients receiving day care, and 17 on the register of Dr. Galley's Group. Dr. Kerr and Dr. Haslam continue to see an average of 8 patients at each of their weekly "follow-up" sessions.

The level of mutual support among the members of the club continues to rise. This is very encouraging to all who work in the Therapeutic Club, but a large number of names appear on the register year after year and re-admissions to hospital for short periods are quite common. Very few patients have returned to hospital for long stay. The patients who are referred to the Club for short periods of day care are particularly rewarding. They include depressed housewives, subnormal persons temporarily out of work, adolescents who are unable to face a work situation, etc. The attempts at rehabilitation of long stay hospital patients has met with success. A man who had been in hospital for 17 years recently established himself in a job after having been a club member for just over a year.

Sixteen patients were admitted to the Club for day care during 1970, and the discharges were as follows:—

Left the district	..	..	..	..	..	..	3
Unco-operative and left after a day or two	..	..	..	..	..	..	3
Refused to attend	..	..	..	..	..	..	1
Improved and returned to work or home duties	..	..	..	..	..	..	5
Obtained employment	..	..	..	..	..	..	6
Recovered and returned to home duties	..	..	..	..	..	..	5
Admitted to Hospital but may return to Club	..	..	..	..	..	..	7
Died	..	..	..	..	..	..	2

#### Furnished Accommodation for Mental Health Patients

There is little to report concerning the accommodation for Mental Health Patients. No change of tenancy has taken place during the year, and there has been no noticeable change in the mental health of the residents. Five of the six residents have had short periods in Clifton Hospital, and the sixth is a burnt out schizophrenic who is likely to remain in the house for life.

All the residents are diagnosed "acute" or "chronic" and some would doubtless have been lifelong hospital patients prior to the discovery of the new treatments and the possibility of care in the community for this type of patient.

There have been no serious problems. A complaint received from a neighbour concerning noise from a radio set was dealt with by the fitting of a fixed volume control.

## Psychiatric Social Club

The Club has continued to be held each Tuesday evening throughout the year. There has been a noticeable drop in attendances during the past six months and some members left during the year for various reasons. The older people tended to stay at home if the Happy Wanderers mini-bus was not available and a predominantly younger age group was left. An average attendance of 24 has been made and the usual activities enjoyed. Highlights were a film show by the Harrogate Amateur Film Society to which the Wetherby Club was invited, the Christmas Party for members and friends, a Youth Hostel weekend in September in which 14 members took part, and a Holiday in Bridlington, costing £7 for the week, organised for 21 members from Wetherby, Skipton and Harrogate.

## (b) Harrogate Training Centre Staff

Junior Wing	Class 1	Miss Reynolds, Centre Supervisor
	Class 2	Mrs. Barker, Assistant Supervisor
	Class 3	Mrs. Higgins, Assistant Supervisor
	Special Care Unit	Miss Craven, Assistant Supervisor
Adult Wings	Workroom 1	Mr. Roebuck, Instructor (To 30.1.70)
		Mr. Rattray, Instructor (From 9.2.70)
	Workroom 2	Mrs. Musgrave, Instructor
	Workroom 3	Mrs. Mawson, Senior Instructor
		(To 14.8.70)
		Mrs. Morgan, Relief Asst. Supervisor
	General Duties	
	Assistant	Mrs. Irish

## Training Courses

Mr. Roebuck commenced a course for Teachers of the Mentally Handicapped (Adults) in Hull, in February.

Mrs. Mawson commenced a course in Durham for Teachers of the Mentally Handicapped in September.

## Trainees Number on Roll

January 1st, 1970

38	Junior Wing
23	Female Wing
21	Male Wing
6	Special Care Unit
<hr/>	
88	
<hr/>	

December 31st, 1970

36
23
19
7

## Outings

The usual full programme included visits to the following places of interest:—

- Feb. 9—Classes 2 and 3—Harrogate Odeon “The Sound of Music”  
 Mar. 3—Class 1—Knaresborough  
 „ 6—Adult Female Wing—Valley Gardens  
 „ 19—Class 2—Harrogate shops  
 April 21—Class 3—The Dales Centre, Morton on Swale  
 June 23—Class 2—Studley Royal  
 „ 24—Class 3—Flamingo Park  
 „ 25—Class 2—Harewood House Aviary  
 July 1—Class 1—Leeds, for lunch and then the Museum  
 „ 7—Class 1—Knaresborough Zoo  
 „ 21—Adult Wings—The Dales  
 „ 22—Adult Wings—Flamingo Park  
 „ 27—Adult Wings—Stump Cross Caves  
 „ 29—Adult Wings—Hornsea Pottery  
 Sept. 24—Class 3—Richmond  
 Oct. 13—Class 1—Knaresborough for lunch  
 Dec. 12—Classes, 1, 2, 3—R.A.F. Station, Linton on Ouse to a party

## Special Occasions

- Jan. 1—Adult Wings—New Year Party  
 April 29— „ Uncle Bill entertained trainees  
 June 9— „ Uncle Bill, David and Nina Burns entertained trainees  
 July 10— „ Uncle Bill, The Montana Brothers, David and Nina Burns entertained the trainees  
 Oct. 9— „ Uncle Bill  
 „ 19— „ Mrs. Dodsworth came to show slides taken on the Edinburgh holiday



Nov.	4—Junior Wing	Sparkler Party
„	5— „	Uncle Bill, Sugar and Spice and Mr. Pepper (talking dog) entertained the children
„	16—Junior Wing and Special Care Unit	Christmas Party where Uncle Bill entertained and Mr. Barker, a Child Care Officer, was Santa Claus
„	17— „	Christmas Dinner was served
„	21—Adult Wings	Christmas Party when Uncle Bill entertained

## Holidays, etc.

In May five trainees went to Skegness on the W.R.C.C. holiday scheme.

In September Mrs. Musgrave and Miss Harrison, a former cadet at the Centre and now on a teacher training course, took eight adult girls on a five day coach tour of Edinburgh. They stayed in an hotel in the centre of the city and visited many places of interest. They also toured the Trossachs and went to the Military Tattoo. Members of the hotel staff remarked on the excellent behaviour of the girls and extended an invitation to stay there again.

It was interesting and enlightening to observe the girls away from the Centre environment. It was a new experience for some of them, being the first time away from home.

The staff try to take the trainees into the community as often as is practicable. Public transport is used wherever possible and small groups are favoured as more practical teaching can be undertaken in this way.

Older trainees go almost daily to the local supermarket and other shops. This has provided valuable experience as quite a few girls can now go to the shops alone and cope with a fairly lengthy shopping list. Others can go by bus to the Municipal Offices in Harrogate.

## Liaison with Forest Special School, Knaresborough

Some work has been undertaken with Forest School during the year. Alternate visits were made for Percussion Band which were very successful, the children mixing well. Visits were also made for special occasions, concerts, etc.

Mr. Hart, the Headmaster, invited the Parents' Association to visit his school. He gave a short talk and then parents were able to look round and talk to members of staff.

## **Open Evening**

During Mental Handicap Week an Open Evening was held at the Centre. The Mayor and Mayoress of Harrogate attended as well as over two hundred parents and friends.

Later in the year a Coffee Morning was held supported by many parents and friends.

## **Painting Competition**

Three children won 50p prizes in the N.S.M.H.C. art competition and one of their pictures was sold for £1.

## **Medical Examinations**

All the children in the Junior Wing received medical examinations during the year. In addition medical examinations were started in November for a mongol survey into the early onset of diabetes mellitus in the general and Downs Syndrome populations.

## **Speech Therapy**

The Speech Therapist continues to visit the Centre, mostly for about 20 minutes each week. This is not sufficient for the need but speech therapists are in short supply.

## **Speech Project**

The second half of the speech project commenced in 1969 was completed for Mr. Simpson, Research Fellow, Newcastle University, in 1970. This involved many hours work with the children and the result is not yet available.

## **Swimming**

It was found possible to recommence swimming lessons during the year. These are held for two 1½ hour sessions each week in the hydro-therapy pool at St. Georges House, Harrogate. They are very popular and the conditions at St. Georges are very suitable for the trainees' requirements. The hire of a mini bus solves the problem of transport.

## **Contract Work**

The Instructors in the workrooms are responsible for the output of contract work. The fact that the Senior Instructor post had not been filled gave rise to some problems.

The trainees receive a minimum of 50p per week incentive pay and look forward to pay day.

## **Gifts**

The Parents' Association provided a rented all channel television set. This is used every day for selected school programmes and "Watch with Mother".

The Association has also donated some large P.E. equipment. This includes climbing frames, climbing bars and overhead ladders. It was all fitted by Neils Larsen Ltd. and can be fastened to the wall or be pulled out for easier access.

Harrogate Ladies' Circle bought some large pieces of apparatus for the hall including a sculling machine, two punch balls, a remedial bicycle and a "Doodlebug" of a type used in orthopaedic hospitals.

## **Special Care Unit**

Work started on the extensions to the Special Care Unit in June and since then the whole building has been in a turmoil. Nearly every room has been affected and had an alteration of some description. Everyone has been working under extreme difficulties which ranged from no heat, no hot water, the thunderous noise of the pneumatic drill and thick dust and dirt everywhere. Since the appointment of an additional cleaner in September the situation has improved but it has been an enormous task keeping the centre presentable during the building programme which is not expected to be completed until mid 1971.

## **(c) Meadow Bank Hostel**

Meadow Bank has accommodation for eight children from five to fifteen years old. During school hours they attended the Training Centre from Monday to Friday, returning to their own homes at the weekend.

There were four new admissions during the year but one of them, who was there for a trial period, had to be discharged as unsuitable. There were also two other discharges, one to an E.S.N. Special School and one to long-stay hospital care.

Two children were given short-stay care in the Hostel to enable their parents to take a holiday.

An Open Evening was held in Mental Handicap Week when about a hundred people visited the Hostel. The resident children's behaviour was excellent.

A lot of inconvenience was experienced during the second half of the year as the special care children had to use the hostel in the day time whilst the extensions were being made to their own unit.

### 13. HOME HELP SERVICE

There was a small increase of 10 cases and 295 hours worked compared with the previous year.

4 whole-time and 227 part-time home helps were employed, giving an equivalent number of 78 whole-time staff.

The following table gives details of the work they carried out:—

Category	No. of Cases	Hours Employed
Aged 65 or over .. .. .	1,005	139,641
Under 65 years:—		
(a) Chronic Sick or tuberculous ..	93	14,395
(b) Mentally disordered .. ..	2	142
(c) Maternity .. .. .	19	1,080
(d) Others .. .. .	54	6,850
Totals ..	1,173	162,108

### 14. PREVENTION, CARE AND AFTER-CARE OF TUBERCULOSIS

The Chest Physicians hold sessions once a week at Scotton Banks Hospital, twice a week at Harrogate General Hospital and once a week at Ripon and District Hospital. The health visitors who do tuberculosis visiting attend the clinics at the Harrogate and Ripon Hospitals.

The Chest Physician reports as follows:—

During the year 13 patients, 6 males and 7 females, were notified or re-notified. 9 of these had positive sputum and were quite definite cases, 2 were transfers in as quiescent and 2 were re-notifications of patients previously discharged who had become active again. 2 posthumous cases were notified, one a female of 71 and the other a male of 70.

22 names were removed from the register. 7 of them had recovered, 9 had left the area and 6 had died.

The Mass Radiography Unit was requested to visit a chicken factory at Ripon following the notification of a female worker there.



101 workers were tuberculin tested and 34 were found to be negative and given B.C.G.. A proportion of the remaining 67 had previously had B.C.G. or were of an older age group. They were all X-rayed and no further cases were found.

The Unit also visited Menwith Hill Station following notification of a male worker and Penny Pot Army Camp following notification of a worker who was a previous known case of T.B. who had become active again. No further cases were found.

It was somewhat disturbing to find that of the new cases notified, 5 had very extensive disease. As a result of these new cases 184 contacts were seen and 78 of them were given B.C.G. 3 child contacts, who had very strongly positive tuberculin tests, were put on to anti-tuberculous therapy as a precautionary measure but were not notified.

## **15. CERVICAL CYTOLOGY**

A screening test for the detection of cancer of the cervix is offered to all married women. Sessions were held weekly at The Clinic, 2 Dragon Parade, Harrogate, monthly at Alma House Clinic, Ripon, and as required at the Health Centre, Pateley Bridge.

817 women attended the Harrogate sessions, 189 women attended the Ripon sessions and 23 women attended the Pateley Bridge sessions. There was 1 positive smear.

## **16. CHIROPODY**

Chiropody is provided by the County Council for expectant mothers, the physical disabled and the elderly. In this Division services are maintained in Harrogate, Ripon, Knaresborough, Pateley Bridge, Boroughbridge, Poppleton, Nun Monkton, Whixley, Kirk Hammerton, Bishop Monkton, Burton Leonard and Kirby Malzeard.

A domiciliary service is provided for patients unable to attend clinics or surgery sessions on medical grounds.

All the chiropodists work part-time for the County Council and the time they are able to offer does not fill the need. There are waiting lists in Harrogate for both domiciliary and ambulant patients.

## **17. REGISTRATION OF NURSING HOMES**

There were 16 registered nursing homes in the Division at the end of the year to which 24 visits of inspection were made.

## 18. REGISTRATION OF OLD PEOPLE'S HOMES

The 26 old people's homes registered in the area were visited by the Divisional Medical Officer in conjunction with the Divisional Welfare Officer.

## 19. CHILDREN NEGLECTED OR ILL-TREATED IN THEIR OWN HOMES—PREVENTION OF BREAK-UP OF FAMILIES

4 meetings of the Co-ordinating Committee were held during 1970.

3 new cases were added and 3 removed from the list, leaving 22 families under review at the end of the year. One family left the district and the other two were managing very well and were no longer considered to require supervision.

Three families have their rent guaranteed. One shows signs of improvement, the house is cleaner and tidier. They run up rent arrears when the husband is off work but these are usually cleared within a reasonable time after his return to work. There is little change in the second family. They continue to have rent arrears but since the wife undertook to pay the rent the arrears have reduced. There is no change in the third family.

## 20. MEDICAL EXAMINATION OF STAFF, etc.

A total of 503 medical examinations of staff, etc. were carried out during the year. New members of the West Riding staff are medically examined only if they have a significant medical history or are over forty-five years old, a policy which reduces work for the medical staff.

The medical examinations carried out were in the following categories:—

West Riding County Council	..	..	..	..	247
District Councils in the Division	..	..	..	..	38
Other Authorities	..	..	..	..	11
Applicants for Training Colleges	..	..	..	..	125
Employment of Children (including in entertainments)	..				82

## 21. HEALTH EDUCATION

More health education activities were undertaken in 1970 than in previous years. The relaxation and mothercraft classes, in particular, continued to be in great demand.



Talks were given to Young Wives and Friendship Clubs, etc. on a variety of subjects and a series of talks on home nursing and mothercraft were given to Girl Guides, Red Cross Cadets and other girls studying for the Duke of Edinburgh Award Scheme. There was an increase in the number of Brownies and Girl Guides taking the Home Safety Badge for which a high standard is set.

The health visitors in Ripon started a health education programme at Alma House Clinic. The popularity of films and talks given on alternate weeks led to the formation of an afternoon mothers' club which in December started to meet once a month. This was the fourth of these clubs formed in the Division.

The health visitors at the Knaresborough Road Health Centre in Harrogate gave the entire Friday afternoons to health education with films and talks whilst the local Red Cross nurses cared for the children.

At other clinics the voluntary workers, who were no longer fully occupied selling welfare foods, turned to looking after the toddlers and helping with displays while the health visitors gave short talks and demonstrations, so retaining their previous involvement with the clinics.

## AMBULANCE SERVICE

This is a separate service in the West Riding. There is an Ambulance Station in Harrogate with a Superintendent Ambulance Officer in charge. Sub-depots in both Ripon and Pateley Bridge are manned by members of the respective divisions of the St. John Ambulance Brigade who give excellent service. Communication is maintained by short wave radio.

## HOSPITALS UNDER THE MANAGEMENT OF THE REGIONAL HOSPITAL BOARD

Name	Situation	Purpose	Beds	
			Adults	Children
Harrogate & District General Hospital	Knaresborough Rd., Harrogate	Medical, Surgical, Maternity	239	25
Carlton Lodge Maternity Home	Leeds Road, Harrogate	Maternity	13	—
Royal Bath Hospital	Cornwall Road, Harrogate	Rheumatic Diseases	130	—
Yorkshire Home	Cornwall Road, Harrogate	Chronic Sick Cases	71	—
Ripon & District Hospital	Firby Lane, Ripon	Medical, Surgical, Maternity	49	7
St. Wilfrid's Hospital	Princess Road, Ripon	Chronic Sick	32	—
Thistle Hill Hospital	Thistle Hill, Knaresborough	Geriatrics	51	—
Scotton Banks Hospital	Ripley Road, Knaresborough	Paediatrics	—	21
Do.	do.	General Surgery	27	—
Do.	do.	Gynaecology	26	—
Do.	do.	Diseases of Chest	96	—
Do.	do.	Young Chronic Sick	34	—
Do.	do.	Medical	22	—
Do.	do.	Private Wing Sect. 5	16	—
Do.	do.	do. Sect. 4	8	—
Knaresborough Hosp.	Stockwell Road, Knaresborough	Chronic Sick	134	—

# PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES—1970

		Measles (exclud- ing rubella)		Dysentery (amoebic or bacillary)		Scarlet fever		Whoop- ing cough		Infective Jaundice		TUBERCULOSIS					
												Respir- atory		Meninges and C.N.S.		Other forms	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year ..	..	22	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 year ..	..	53	37	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 years ..	..	63	68	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3 years ..	..	57	70	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4 years ..	..	67	81	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5—9 years ..	..	180	148	1	6	—	—	—	—	—	—	—	—	—	—	—	—
10—14 years ..	..	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15—19 years ..	..	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20—24 years ..	..	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25—34 years ..	..	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35—44 years ..	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45—54 years ..	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
55—64 years ..	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
65—74 years ..	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
75 and over ..	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Age unknown ..	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (all ages)	..	449	427	2	1	10	9	2	1	5	3	5	6	—	—	—	—

Prevalence and Control over Infectious Diseases—continued

	Diphtheria		Tetanus		Acute meningitis		Acute encephalitis				Ophthalmia neonatorum		Acute poliomyelitis			
							Infective		Post infectious				Paralytic		Non-paralytic	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 year ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4 years ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5—9 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10—14 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15—19 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20—24 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25—34 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35—44 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45—54 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
55—64 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
65—74 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
75 and over	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Age unknown	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (all ages) ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

# Prevalence and Control Over Infectious Diseases—continued

	Lepto- spiro- sis				Para- typhoid fever		Typhoid fever		Food poisoning (excluding dysentery, typhoid and para-typhoid fevers)		Malaria					
	M		F		M	F	M	F	Contracted naturally		Induced		Therap- eutically			
									In Great Britain	Abroad		Accident- ally			F	
										M	F					M
Under 1 year	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
1 year	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
2 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
3 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
4 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
5—9 years	—	—	—	—	—	—	—	—	1	—	—	—	—	—		
10—14 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
15—19 years	—	—	—	—	—	—	—	—	1	—	—	—	—	—		
20—24 years	—	—	—	—	—	—	—	—	—	—	1	—	—	—		
25—34 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
35—44 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
45—54 years	—	—	—	—	—	—	—	1	—	—	—	—	—	—		
55—64 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
65—74 years	—	—	—	—	—	—	—	1	—	—	—	—	—	—		
75 and over	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Age unknown	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Total (all ages)	—	—	—	—	—	—	—	2	5	—	1	—	—	—		

# Prevalence and Control Over Infectious Diseases—continued

	Plague		Cholera		Anthrax		Smallpox		Typhus fever		Relapsing fever		Yellow fever	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1 year	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5—9 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10—14 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15—19 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20—24 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25—34 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
35—44 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
45—54 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
55—64 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
65—74 years	..	..	..	..	..	..	..	..	..	..	..	..	..	..
75 and over ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Age unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total (all ages)	..	..	..	..	..	..	..	..	..	..	..	..	..	..



## **Measles**

876 notifications were received compared with 232 in 1969, which gave a notification rate of 13.9 per 1,000 population.

## **Scarlet Fever**

There were 19 notifications during the year, compared with 17 in 1969, a rate of 0.30 per 1,000 population.

## **Whooping Cough**

3 cases were notified, compared with 2 in the previous year, giving a notification rate of 0.05.

## **Infective Jaundice**

8 cases were notified in 1970 compared with 5 in 1969. The notification rate was 0.13 per 1,000 population.

## **Dysentery**

3 cases of Sonne dysentery were notified in one family giving a rate of 0.05 per 1,000 population.

## **Malaria**

1 case occurred in a serving soldier who had recently returned from the Persian Gulf.

## **Food Poisoning**

7 cases due to Salmonella were notified. Two customers of a shop which sold cooked salmon, fish, meat and dairy products were ill after eating cooked salmon. The salmon was boiled on the premises and left in the liquor to cool overnight.

Investigation revealed that several members of the staff had had gastro intestinal disturbance, and three of them were found to be excreting Salmonella enteritidis, the organism responsible for the customers' illness. It seems probable that the salmon was infected after cooling by handling and serving.

The same organism was responsible for a family outbreak involving two people which was apparently quite unrelated to the other outbreak.

## **Tuberculosis**

11 pulmonary cases, 5 males and 6 females, were notified during the year. All these new cases were in adults.

The Corporation gives priority to cases of tuberculosis who need rehousing.

The following table gives details from the Tuberculosis Register:

	Pulmonary		Non-Pulmonary		Total
	M	F	M	F	
Number on Register at 1st January, 1970 .. .. .	71	28	—	3	102
New notifications in 1970 ..	5	6	—	—	11
Number restored to Register ..	1	1	—	—	2
Number added to Register otherwise than by notification ..	1	—	—	—	1
Number removed from Register in 1970 .. .. .	5	5	—	—	10
Number on Register at 31st December, 1970 .. .. .	73	30	—	3	106



BOROUGH OF HARROGATE

# **ANNUAL REPORT**

**OF THE**

**CHIEF PUBLIC HEALTH INSPECTOR**

**AND**

**CLEANSING SUPERINTENDENT**

**For the Year**

**1970**



# ANNUAL REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR AND CLEANSING SUPERINTENDENT FOR THE YEAR 1970

To The Mayor, Aldermen and Councillors of the  
Borough of Harrogate.

Mr. Mayor, Ladies and Gentlemen,

I submit for your consideration my twenty-fourth and last annual report.

It is nearly twenty-five years since I took up my appointment at Harrogate. During that time I have seen many changes both in the town, Council and officials.

Some of the changes in and around the town I have been responsible for and give below a brief resumé of work carried out in land reclamation by the department.

1. The building of an embankment at Cricket Ground to accommodate 5,000 people.
2. The conversion of Oatlands clay pit into a public park.
3. The conversion of Stonerings quarry into gardens for adjacent properties.
4. Conversion of Bilton quarry into playing fields.
5. The levelling of a hill side to make a rugby football pitch for police training college.
6. Reclamation of 25 acres of heather and outcropping stone at Oakdale Farm into farm land.
7. Bridging of a valley to join up two portions of Oakdale Farm.
8. Reclamation of Spofforth Hags quarry for tree afforestation.
9. Reclamation of Starbeck clay pit into an industrial trading estate.
10. Building up of a valley to form car parks for Yorkshire Showground.

Work of this nature has given great satisfaction to myself and the men of the Cleansing Department. They have always shown a great interest in land reclamation and without their full co-operation and loyalty the ultimate results could not have been achieved.

A further source of pleasure has been the manner in which the drivers of the refuse vehicles have kept them in a clean and very presentable condition, and the efficient maintenance carried out over the years by the garage staff.



The work of the public health department has been just as intensive and indeed of more benefit to the health and welfare of the town. Unlike cleansing, however, one cannot point to any particular object and say there is the result of twenty-five years' effort.

In the field of food hygiene and inspection much has been achieved. The co-operation of all concerned in the trade has to a large extent been willingly given. Statistics show that the number of food poisoning cases over the last decade have been negligible.

Although I have not been faced with a large slum clearance problem, nevertheless a considerable amount of housing repairs have been carried out since the days of the Smithy Hill and Chatsworth Road Re-development area. Today most of the properties in the town are in a reasonable condition, and with the odd exception all houses are capable of repair at reasonable expense and fit for human habitation.

One could enlarge on the ramifications of the public health department, but a study of the report will reveal the wide field covered and the value of such work in improving generally the environment we live in.

I have worked under quite a number of chairmen, male and female. All, in different degrees, have added their contribution to the town's welfare.

There has been close co-operation with my brother officials and the staffs of their respective departments.

The Public Health and Cleansing Departments over the years have been built up into an efficient unit. The staff of the departments have carried out their respective duties thoroughly and conscientiously. The work often invites criticism, and indeed antagonism, from those whose pockets will be affected, or resent being asked to conform with the disciplines and way of living which society demands.

It is with regret that I leave it knowing that perhaps in two years it may be transferred to a larger authority.

My final thanks are to the members of the Council for their support in the many ventures I have undertaken.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

E. DODSWORTH,

Chief Public Health Inspector,  
Cleansing Superintendent.

## SANITARY CIRCUMSTANCES OF THE AREA.

### GENERAL.

#### Meteorology

The Harrogate Meteorological Station, which is under the control of the Borough Engineer, is situated at the Northern Sewage Disposal Works, Bilton, from which the following observations were taken:

**Sunshine.** 1,477.6 hours of sunshine were recorded during the year, 114.7 more than 1969.

**Rainfall.** The total rainfall recorded during the year was 25.49 inches, the wettest day being the 12th April when 1.30 inches of rain was recorded. The figure for 1969 was 32.63 inches.

**Temperatures.** The maximum temperature during the year was 82°F recorded on the 10th June, and the minimum temperature was 8°F recorded on the 8th January.

**Wind.** The prevailing wind during the year was westerly.

### WATER SUPPLY

The distribution of water in the Harrogate area is undertaken by the Claro Water Board which was formed on the 1st April, 1959, and subsequently enlarged by the addition of the Wath Rural District Council on the 1st April, 1960.

The constituent authorities of the Board are as follows:

- Harrogate Borough Council
- Knaresborough Urban District Council
- Nidderdale Rural District Council
- Ripon City
- Ripon and Pateley Rural District Council
- Wath Rural District Council
- Wetherby Rural District Council

The water supply of the town is derived from five impounding reservoirs and an adit in the Pennine Range. The adit which is known as Eagle Level is situated about three-quarters of a mile west of Pateley Bridge. There are two catchment areas, one six miles west of Harrogate, and the other north of Masham in the North Riding of Yorkshire, some twenty-eight miles away.

The supply is abundant, pure and soft in character, and the gathering grounds are largely owned and wholly controlled by the Board, farming activities being strictly limited.

The whole of the supply is filtered by slow sand pressure filters and subsequently sterilised with chlorine and ammonia to ensure a wholesome water to the consumers.

Samples of water are taken regularly from the town's mains at various points within the Borough for chemical and bacteriological examination.

Number of samples examined .. .. .	87
Being samples of water from:	
Domestic supplies (Town's mains) .. .. .	71
Domestic supplies (wells, etc.) .. .. .	2
Wells and springs (mineral) .. .. .	14
Number of samples found upon examination to be satisfactory .. .. .	72
Number of samples found to be unsatisfactory .. .. .	15

In the portions of the Borough which were incorporated on the 1st April, 1938, from the Wetherby Rural District and the former Knaresborough Rural District there are five houses which obtain their supply from wells and springs. It has not been possible to connect these dwellings to the main water supply.

### Report on Two Samples of Water taken on 2nd and 10th June, 1970, from the Filter Works.

Parts per Million	Irongate Bridge	Harlow Hill
Appearance .. .. .	Faint Yellow	Clear & Bright
Turbidity (Silica Scale) .. .. .	Slight	—
Colour (Hazen) .. .. .	Faint Yellow	—
Odour and Taste .. .. .	None	None
Reaction pH .. .. .	7.8	7.6
Free Carbon Dioxide .. .. .	2.0	6.0
Alkalinity as CaCo <sub>3</sub> .. .. .	56.0	60.0
Total Hardness as CaCo <sub>3</sub> .. .. .	73.0	71.0
Non-carbonate Hardness as CaCo <sub>3</sub> .. .. .	17.0	11.0
Total Solids .. .. .	90.0	100.0
Chlorine in Chlorides .. .. .	17.0	18.0
Nitrogen in Nitrates .. .. .	0.44	0.30
Nitrogen in Nitrites .. .. .	0.016	Nil
Ammoniacal Nitrogen (Free Ammonia) .. .. .	0.12	0.04
Albuminoid Nitrogen .. .. .	0.20	0.02
Oxygen absorbed in 4 hrs. at 27°C .. .. .	1.04	0.41
Metals: Iron (Fe) .. .. .	0.08	Nil
Manganese (Mn) .. .. .	Trace	Nil
Calcium (Ca) .. .. .	20.0	19.2
Magnesium (Mg) .. .. .	5.6	5.6
Sulphate (SO <sub>4</sub> ) .. .. .	24.8	20.6
Fluorine (F) .. .. .	0.20	0.20
Residual Chlorine .. .. .	Nil	Nil

### Plumbo-Solvency of Water Supplies

Twenty samples of water were submitted for analysis under the above heading. Fourteen were found to be unsatisfactory. The reports were submitted to the Claro Water Board for their attention.

## CLOSET ACCOMMODATION

The following table shows the number of pail closets, earth closets and cesspools, etc., in the Borough at the end of December, 1970.

Pail and tub closets	..	7
Privies	.. ..	9
Waste water-closets	..	2
Cesspools	.. ..	63

All pail closets are emptied either once or twice weekly.

Cesspools are emptied by means of a cesspool emptier as and when required.

## RIVERS AND STREAMS

These come under the supervision of the Yorkshire Ouse and Hull River Authority.

Routine inspections have been carried out on all becks and streams within the Borough during the year. Three cases of pollution occurred but were rapidly remedied.

## INSPECTION OF THE AREA

13,562 inspections were carried out during the year by the Public Health Inspectors. A wide variety of premises were inspected and every effort made to see that the requirements of the various Acts and Regulations were complied with.

Complaints reported to the Public Health Department	..	598
Where nuisances were found	.. ..	450
Where complaint was received and no nuisance found	..	148
Under Housing Acts	.. ..	1359
Where infectious disease had occurred	.. ..	43
Farms	.. ..	4
Dairies and Milk shops	.. ..	57
Ice-cream shops	.. ..	540
Ice-cream manufacturing premises	.. ..	5
Butcher's shops	.. ..	238
Slaughterhouse (Starbeck)	.. ..	329
Fish frying premises	.. ..	89
Fish shops (wet)	.. ..	51
Grocers' shops	.. ..	408
Greengrocers' shops	.. ..	122
Confectioners' shops	.. ..	256



Bakehouses (power)	..	..	..	..	..	..	101
Restaurants	..	..	..	..	..	..	152
Canteens	..	..	..	..	..	..	47
Kitchens	..	..	..	..	..	..	362
Mobile food shops and canteens	..	..	..	..	..	..	68
Food preparing premises	..	..	..	..	..	..	444
Food storage premises	..	..	..	..	..	..	141
Cold stores	..	..	..	..	..	..	22
Food inspection	..	..	..	..	..	..	204
Food poisoning investigations	..	..	..	..	..	..	6
Food sampling	..	..	..	..	..	..	148
Merchandise Marks Act	..	..	..	..	..	..	1
Market Hall	..	..	..	..	..	..	10
Factories (power)	..	..	..	..	..	..	165
Factories (no power)	..	..	..	..	..	..	23
Outworkers	..	..	..	..	..	..	3
Office Shops and Railways Premises	..	..	..	..	..	..	545
Workplaces (other than listed)	..	..	..	..	..	..	1
Rats and Mice	..	..	..	..	..	..	170
Sanitary Conveniences—Public	..	..	..	..	..	..	21
„ „ —Private	..	..	..	..	..	..	113
Schools	..	..	..	..	..	..	15
Caravans and Sheds	..	..	..	..	..	..	92
Piggeries	..	..	..	..	..	..	23

### Other Visits or Inspections

Drainage	..	..	..	..	..	..	649
River pollution	..	..	..	..	..	..	78
Installation of new sanitary fittings	..	..	..	..	..	..	34
Hairdressers and Barbers	..	..	..	..	..	..	123
Investigation of infestation of insect pests	..	..	..	..	..	..	60
Pet shops	..	..	..	..	..	..	2
Clean Air Act and smoke observations	..	..	..	..	..	..	116
Visits to properties under notice	..	..	..	..	..	..	821
Water supplies and samples	..	..	..	..	..	..	59
Interviews	..	..	..	..	..	..	764
Public Cleansing	..	..	..	..	..	..	547
Refuse Tips	..	..	..	..	..	..	70
Noise nuisances investigated	..	..	..	..	..	..	51
Miscellaneous	..	..	..	..	..	..	2,624



## ABATEMENT OF NUISANCES

Drainage repaired, trapped, etc. . . . .	45
Drainage unstopped . . . . .	134
Chambers repaired or new constructed . . . . .	10
Soil or vent pipes—repaired . . . . .	5
Water closets repaired or supplied with water . . . . .	9
Water closets, new pans or pedestals provided . . . . .	5
Water closets, additional constructed . . . . .	1
Waste pipes repaired or trapped . . . . .	15
Waste pipes, rain-water pipes and eaves gutters repaired or renewed . . . . .	88
Sinks provided or replaced . . . . .	4
Accumulations of refuse removed . . . . .	68
Animals, Fowls, etc., nuisances from abated . . . . .	7
Brickwork or pointing repaired . . . . .	114
Dampness remedied . . . . .	17
Damp proof courses inserted or repaired . . . . .	—
Doors repaired, etc. . . . .	21
Dustbins supplied . . . . .	56
Fireplaces, stoves and flues repaired . . . . .	6
Fences and gates repaired . . . . .	3
Flooring or other woodwork repaired or renewed . . . . .	94
Floors, concrete or quarried, repaired or renewed . . . . .	5
Food cupboard provided . . . . .	—
Plaster repaired or renewed . . . . .	36
Rat and mice infestations abated . . . . .	549
Roofs made weathertight . . . . .	29
Stagnant water removed . . . . .	—
Verminous premises disinfected . . . . .	14
Water supplies reinstated or made sufficient . . . . .	5
Windows, cords, fasteners and glass repaired or renewed . . . . .	61
Yards and passages paved . . . . .	7
Smoke nuisance abated . . . . .	4
Noise nuisance abated . . . . .	1
Miscellaneous . . . . .	16

## STATUTORY NOTICES

Twenty-nine legal notices were served during the year in order to secure the abatement of nuisances of various kinds. This figure is consistent with the number in previous years.

A large number of informal letters are sent out together with verbal requests for certain types of work to be carried out. In the majority of instances the owners or owner-occupiers do take the necessary steps to abate any nuisance for which they are responsible. Occupiers of premises are often not so favourably disposed to abate nuisances. There is always a small hard core of persons who wait until legal action has to be taken to persuade them to carry out work scheduled in a previous informal notice.

### Number of Legal Notices Issued for Abatement of Nuisances

	Served 1970	Complied with During 1970	Served 1969	Complied with During 1969/70
Public Health Act, 1936, Section 39	10	4	1	1
45	3	2	2	2
56	—	—	3	3
75	—	—	—	—
93	11	5	4	4
Public Health Act, 1961, Section 17	4	4	—	—
27	—	—	1	1
Public Health (Recurring Nuisances) Act, 1969 Section I ..	1	—	—	—
<b>TOTAL ..</b>	<b>29</b>	<b>15</b>	<b>11</b>	<b>11</b>

## INFECTIOUS DISEASES

Premises inspected where notifiable diseases have occurred	43
Articles destroyed by burning at request of owners ..	—
Total visits to infected premises .. .. .	43

## NOISE ABATEMENT ACT, 1960

Twenty-six complaints were received about nuisances from noise, all of which were investigated. Twenty were confirmed and the necessary action taken to have the nuisances abated.

The Act itself, in my opinion, requires amending. Experience over the past few years has shown that anomalies exist which could be ironed out. In addition the question of noise should be looked at from a much wider angle than at present. It is certain that in this modern age, noise will tend to increase as years go by.

Far too often planning permission is given for work places to be set up in or near to residential areas, which are noisy in operation. Though every attempt is made to silence machines, equipment, motors, etc., it is not always possible to do so.

It is difficult and extremely unsatisfactory to have to explain to persons subject to this noise nuisance that no further action can be taken with regard to the matter as per the Act.

The effect of noise on health can undoubtedly in certain instances be severe.

I have stated before that more regard should be had to traffic generally and the noise created by the engines of vehicles.

## SWIMMING BATHS AND PADDLING POOL

There are 2 indoor swimming baths in the Borough owned by the Corporation, all being equipped with continuous filtration and chlorination plants.

During the year a total of 34 samples of water were taken, of which 6 were unsatisfactory.

In addition to the above there are 5 indoor swimming baths and one open-air swimming pool, all privately owned. Twelve bacteriological samples of water were taken from these baths, one of which was unsatisfactory.

Paddling pools present a difficult problem owing to the shallowness of the water and the high number of users. Correct maintenance of chlorination and filtration plants is essential if conditions are to be kept at a satisfactory level.

### I. PUBLIC SWIMMING BATHS

Address	Description (Area and capacity)	Source of water used for filling	Method of Treatment
Coppice Valley Pool	Indoor Heated Main Pool 42' x 82' 6" x 7' (3' 6") 114,000 gallons Diving pool 42' x 35' x 11' 9" (16' 9") 102,000 gallons Learner Pool 36' 8" x 24' x 3' (2') 14,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Starbeck Baths Spa Lane	Indoor Heated 60' x 24' x 5' 6" (2' 6") 34,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination

## II. PUBLIC PADDLING POOL

Valley Garden	Outdoor Unheated 55 sq. yds. 30,000 gallons	C.W.B. Mains	Intermittent Chlorination
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## III. PRIVATE SWIMMING POOLS

Ashville College Green Lane,	Outdoor Unheated 30' x 100' x 6' (3') 100,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Harrogate Ladies College, Clarence Drive	Indoor Heated 30' x 100' x 6' (3' 6") 89,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Police Training Centre No. 3, Pannal Ash	Indoor Heated 30' x 100' x 8' (4') 112,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Queen Ethelburga's School, Penny Pot Lane	Indoor Heated 50' x 20' x 6' (3') 28,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Granby Park Schools	Indoor Heated 60' x 20' x 7' (2' 6") 52,000 gallons	C.W.B. Mains	Filtration & Continuous Chlorination
Woodlands School	Indoor Heated 20' x 49' 6" x 3' 6" (2' 6") 18,600 gallons	C.W.B. Mains	Filtration & Continuous Chlorination

## IV. MEDICAL TREATMENT POOLS

Deep Pool Royal Baths	Indoor Heated 10' x 16' x 4' av.	C.W.B. Mains	Filtration & Continuous Chlorination
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## DISINFESTATION

The number of infestations by beetles was roughly the same as in the previous year. One hundred and thirty-six complaints were received by the department against a total of one hundred and forty in 1969. It would appear that the position, at last, has become static.

There was an increase in the number of wasp complaints. The department only deals with nests situated at a level where they can easily be reached. If an infestation occurs in part of a building necessitating the use of ladders, equipment is loaned out to the occupiers who usually engage a builder to carry out the work of disinfestation.

Generally speaking, pro rata to population, the town can be said to be remarkably free from the various types of infestation.

Type of Premises	No.
Council houses .. ..	12
Private houses .. ..	294
Businesses .. ..	56
<b>TOTAL ..</b>	<b>362</b>

Classification	No.
Beetles .. ..	136
Fleas .. ..	22
Flies .. ..	6
Red Spiders .. ..	25
Silver Fish .. ..	5
Wasps .. ..	136
Woodworm .. ..	2

## PIGEONS

The nuisance caused by pigeons in the town has not yet been abated. It has been found impossible to proof certain buildings to prevent the birds roosting and nesting in the fabric.

The fouling of the pavements in certain parts of the town centre still continues.

Trapping was carried out during the year and every effort made to keep down the numbers.

The opposition of certain members of the public to the elimination of the birds is still very strong and entirely mistaken in concept.

These birds are disease carriers and nothing can justify their existence in a wild state in a built-up area.

## RAT AND MOUSE DESTRUCTION

Rat and mouse infestations were very much on a par with those reported in 1969. All complaints were dealt with and every effort made to make eradication final and complete.

The additional services of a part-time rodent operator is becoming a necessity.

The following gives details of the work carried out during 1970:—

		Com- plaints	No. of Premises Visited	Total No. of Visits	No. of Complete Treat- ments	Bodies
Private Dwellings	rats mice	253 285	232 307	747 850	126 234	25 30
Business Premises	rats mice	85 124	50 124	241 549	52 102	25 110
Agricultural Premises	rats mice	— —	— —	— —	— —	— —
Local Authorities	rats mice	21 19	27 22	76 75	19 16	70 25
Total	rats mice	359 428	309 453	1064 1474	197 352	120 165

## DISINFESTATION OF SEWERS

The 10% test was carried out in July/August, 218 manholes were baited and 11 of them showed “takes”. These 11 and 66 adjoining manholes were treated with Fluoracetamide. Infestation is light in character.

## INSPECTION OF FACTORIES

Routine inspections of factories sited in the town were carried out. Most of them were well maintained and complied with the requirements of the Factories Act.

### Prescribed Particulars on the Administration of the Factories Act, 1961.

#### PART I OF THE ACT.

1—**Inspections** for purposes of provisions as to health.

Premises	Number on Register	Number of		
		Inspec- tions	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ..	62	21	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ..	245	165	11	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ..	10	2	1	—
Total ..	317	188	12	—

2— Cases in which **Defects** were found.

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	by H.M. Inspector	
Want of cleanliness (S.1)	11	11	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	1	1	—	—	—
(b) Unsuitable or defective	3	3	—	—	—
(c) Not separate for sexes	2	2	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
Total	17	17	—	—	—

# PART VIII OF THE ACT

## Outwork

(Sections 133 and 134)

Nature of Work	Section 133			Section 134		
	No. of outworkers in August list required by section 133(1)(c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel— Making, etc.	2	—	—	—	—	—

## Registered Factories, Factories Act, 1961

The total number of factories remained the same as last year.

				<i>Mechanical Power</i>	<i>No Mechanical Power</i>
Agricultural Machinery	..	..		1	—
Baking .. .. .	..	..	..	24	10
Bicycle Repairs	..	..	..	1	—
Blacksmith .. .. .	..	..	..	—	—
Blending pig and poultry foods	..	..	..	1	—
Boot and Shoe Repairs	..	..	..	9	5
Builders' Plant Repairs	..	..	..	3	—
Burling and Mending	..	..	..	—	1
Cellulose Spraying .. .. .	..	..	..	3	—
Chocolate and Sweet Manufacture	..	..	..	2	1
Coal Gas Manufacture	..	..	..	1	—
Corn Milling .. .. .	..	..	..	1	—
Dentures .. .. .	..	..	..	7	—
Display stands	..	..	..	1	—
Dress Making	..	..	..	4	11
Dry Cleaning .. .. .	..	..	..	5	—
Egg Packing .. .. .	..	..	..	1	—
Electric Generating	..	..	..	1	—
Electric, Television and Radio Repairs	..	..	..	7	1
Engineering .. .. .	..	..	..	5	—



Firewood Cutting .. .. .	2	—
Fireplace Manufacture .. .. .	1	—
French Polishing .. .. .	1	1
Furrier .. .. .	2	—
Gas Fitting Repairs .. .. .	1	—
Ham Boiling .. .. .	1	—
Ice and Ice-cream Manufacture .. .. .	2	—
Joinery, Cabinet Making .. .. .	35	2
Laundries .. .. .	9	1
Leatherwork .. .. .	1	—
Letterpress Printing .. .. .	7	—
Maintenance of research equipment	1	—
Malting .. .. .	—	—
Man Made Fibres .. .. .	1	—
Metal Engraving, Working and Sorting	1	—
Milk Pasteurisation .. .. .	1	—
Millinery .. .. .	—	2
Monumental Mason .. .. .	1	—
Motor Spirit Storage .. .. .	1	—
Motor Vehicle Repairs .. .. .	50	1
Paint Thinning .. .. .	—	1
Paper Baling .. .. .	1	—
Pharmaceutical Products .. .. .	2	—
Photography .. .. .	3	1
Picture Framing .. .. .	—	1
Plumbing .. .. .	—	3
Printed Circuits .. .. .	1	—
Raincoat Manufacture .. .. .	1	—
Refrigerator Repairs .. .. .	1	—
Rubber Products .. .. .	1	—
Sausage Making and Pies .. .. .	6	—
Slaughterhouse .. .. .	1	—
Soft Furnishings .. .. .	4	—
Spectacles .. .. .	3	—
Stone Dressing and Breaking .. .. .	2	—
Tailoring .. .. .	2	15
Tents and Canvas Goods .. .. .	1	—
Tinsmith .. .. .	2	—
Tyre Repairs .. .. .	6	—
Upholstery .. .. .	3	4
Watch Repairs .. .. .	4	1
Water Filtration and Chlorination .. .. .	2	—
Weaving .. .. .	3	—
Weighing Machine Repairs .. .. .	1	—
	<hr/> 245	<hr/> 62

## THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

Every effort has been made by the department to maintain the routine inspection of premises coming within the purview of the above Act.

The value of this work is indicated by the fact that 702 contraventions were found by the inspectors.

The twenty-one accidents were fully investigated and if found necessary, action was taken to prevent a similar recurrence. The insistence of the Act that all accidents must be reported to the local authority, undoubtedly has resulted in more care and attention being given to the prevention of such accidents.

### Annual Report to the Ministry of Labour under Offices, Shops and Railway Premises Act, 1963

**Table 'A'**  
**Registration and General Inspections**

Class of Premises	No. of premises newly registered in 1970	Total No. of registered premises at end of 1970	No. of registered premises receiving general inspection in 1970
Offices	19	337	146
Retail Shops	20	600	240
Wholesale Shops and Warehouses	4	35	12
Catering Establishments including canteens	3	73	28
Fuel storage places	1	2	1
Totals	47	1,047	427

**Table 'B'**

No. of visits of all kinds by Inspectors to Registered  
Premises .. .. . 545

Table 'C'

## Analysis of Persons employed in Registered Premises

Class of Workplaces	No. of persons employed
Offices .. .. .	4,273
Retail Shops .. .. .	2,861
Wholesale depots and warehouses ..	366
Catering Establishments open to the public .. .. .	794
Canteens .. .. .	150
Fuel storage depots .. .. .	16
TOTAL .. .. .	8,460
Total Males .. .. .	3,884
Total Females .. .. .	4,576

Table 'D'—Exemptions

No. of Exemptions current at 31st December, 1970:

under Part I	Space, etc.	..	..	..	..	Nil
Part II	Temperature	..	..	..	..	Nil
Part III	Sanitary Conveniences	..	..	..	..	One
Part IV	Washing facilities	..	..	..	..	Nil

## ACCIDENT REPORTS

1969 Quarter	No. of Accidents Reported in						Total
	i Offices	ii Retail Shops	iii Whole- sale	iv Cater- ing Estab.	v Can- teens	vi Fuel Storage Depot	
Jan.-Mar.	1	1	1	—	1	—	4
Apl.-June	1	2	1	2	—	—	6
July-Sept.	3	4	1	—	—	—	8
Oct.-Dec.	1	—	—	—	2	—	3
Totals	6	7	3	2	3	—	21

## (B) ANALYSIS OF CONTRAVENTIONS

Section	Number of Contraventions found					
4	Cleanliness	..	..	..	..	35
5	Overcrowding	..	..	..	..	2
6	Temperature	..	..	..	..	34
7	Ventilation	..	..	..	..	6
8	Lighting	..	..	..	..	1
9	Sanitary conveniences	..	..	..		234
10	Washing facilities	..	..	..	..	224
11	Supply of drinking water			..	..	—
12	Clothing accommodation			..	..	1
13	Sitting facilities		..	..	..	—
14	Seats (Sedentary Workers)			..	..	—
15	Eating facilities	..	..	..	..	2
16	Floors, passage & stairs	..	..	..		81
17	Fencing exposed parts machinery			..		7
18	Protection of young persons from dangerous machinery			..	..	—
19	Training of young persons working at dangerous machinery	..	..	..		—
23	Prohibition of heavy work			..	..	—
24	First aid	..	..	..	..	35
	Other matters	..	..	..	..	40
	TOTAL					702

## ATMOSPHERIC POLLUTION

The following table shows the results obtained from instruments used for measuring sulphur dioxide and smoke. For comparison I give results from a semi-residential district in a colliery area.

The statistics are somewhat similar to those of the previous year. I am informed by the gas and electricity boards and oil firms that the installation of central heating equipment was very encouraging.

Approximately a thousand houses were converted to this system during 1970.

The Council did not carry out any further work in connection with smoke control areas owing to difficulties being encountered with regard to supplies of smokeless fuel. Schemes will be put in hand in 1971.

Situation of Instrument	Smoke			Volumetric SO <sub>2</sub>		
	Average Daily Suspended Impurity*	Highest Value	Lowest Value	Average Daily Concentration SO <sub>2</sub> *	Highest Value	Lowest Value
	Micro-grammes per cubic metre			Micro-grammes per cubic metre		
Harrogate—Ground floor of Municipal Offices, surrounding district residential and commercial	47	395	4	81	414	0
Harrogate—Ground floor of Regional Office, Milk Marketing Board, surrounding district residential and manufacturing	83	522 (11 months)	11	91	319	7
Comparison Semi-residential Colliery district	168	668	18	95	232 (11 months)	22

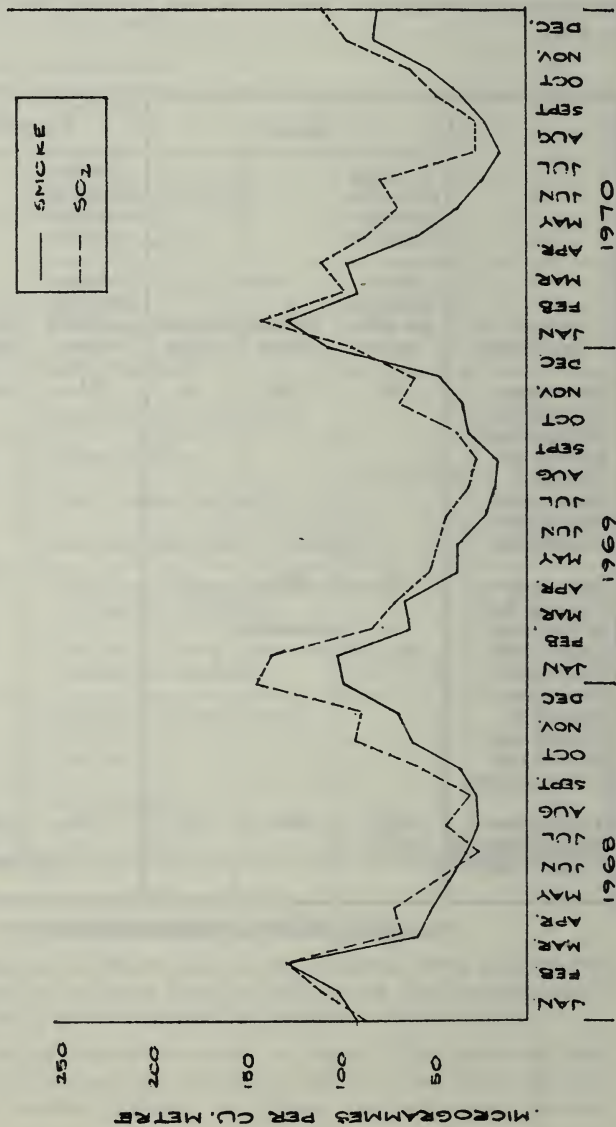
\*For period of full year unless stated otherwise.



# ATMOSPHERIC POLLUTION

AVERAGE MONTHLY RECORDINGS FOR ALL STATIONS  
SMOKE AND SULPHUR DIOXIDE CONCENTRATIONS

YEARS 1968 - 1970



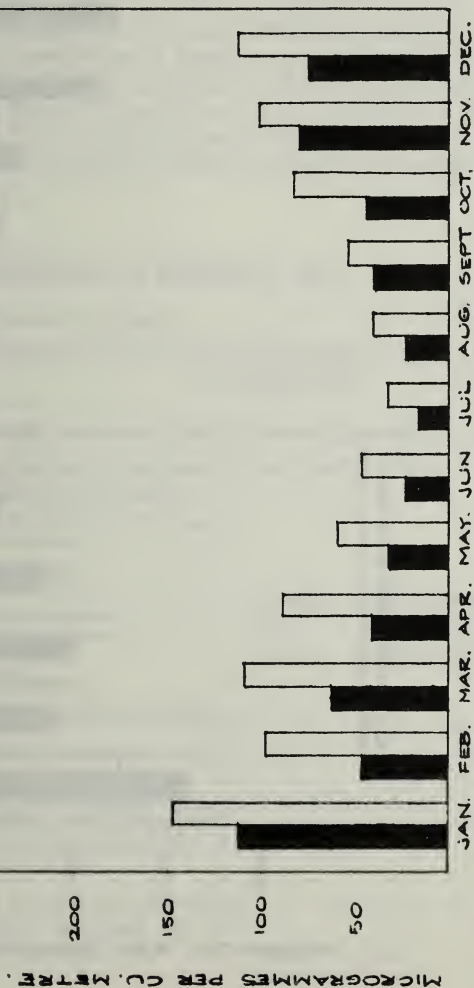
# ATMOSPHERIC POLLUTION 1970

AVERAGE MONTHLY RECORDINGS AT TWO STATIONS

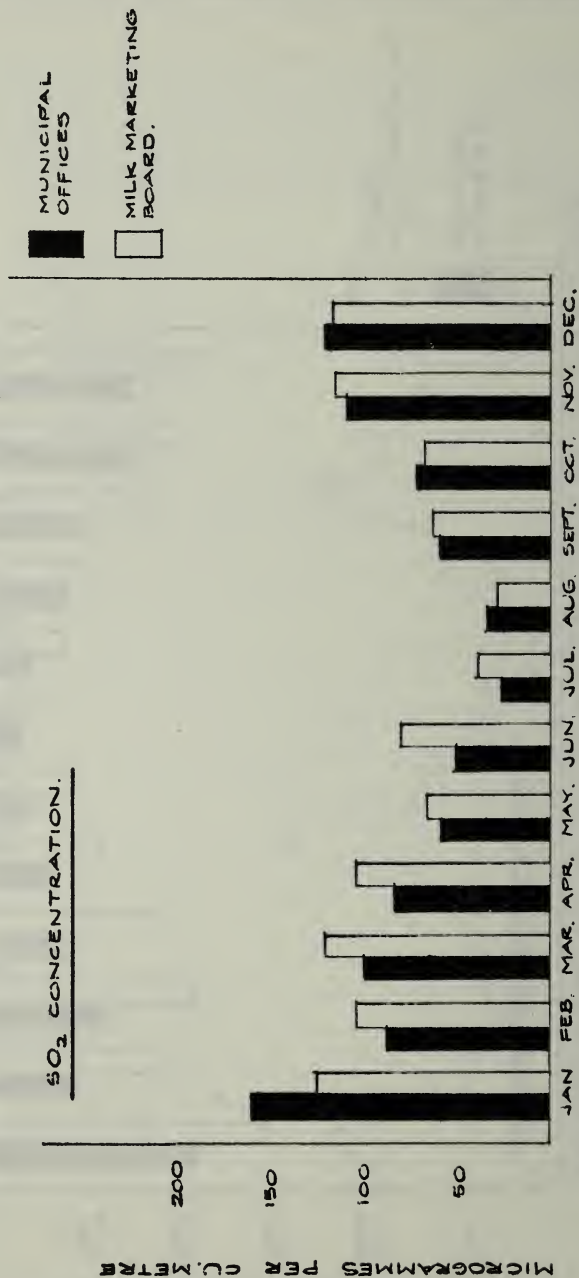
SMOKE CONCENTRATION

MUNICIPAL  
OFFICES

MILK MARKETING  
BOARD



# ATMOSPHERIC POLLUTION 1970 AVERAGE MONTHLY RECORDINGS AT TWO STATIONS.



## HOUSING

305 houses were built by private enterprise during the year against a total of 347 for 1969.

Ten houses were represented as being unfit for human habitation and 113 houses were repaired after service of informal notices on the respective owners. In 25 instances legal notices had to be served before the defects were remedied.

Demolition or closing orders are now only being made on individual unfit houses not capable of repair at a reasonable cost.

The question of dealing with basement dwellings is now receiving the attention of the department. I think it is a sad criticism of the standard of housing today that people should still be allowed to live in rooms which are below ground level. The provision of suitable areas, etc. does not in my opinion make dwellings of this nature suitable for occupation especially if they are used for housing young children.

### HOUSING STATISTICS 1970

1. No. of dwellinghouses in district	..	..	..	22,557
2. No. of houses included in above (a) back-to-back	..			—
(b) single back	..			—
3. <b>Houses in Clearance Areas and Unfit Houses Elsewhere</b>				
No. of houses included in representations made during				
the year (a) in clearance areas	..	..	..	—
(b) individual unfit houses	..	..	..	10

#### A.1. Houses Demolished

	<i>Number of Houses</i>	<i>Displaced during year Persons</i>	<i>Families</i>
In Clearance Areas			
(1) Houses unfit for human habitation	3	—	—
(2) Houses included by reason of bad arrangement, etc. .. .. .	—	—	—
(3) Houses on land acquired under Section 43(2) Housing Act, 1957 ..	—	—	—
Not in Clearance Areas			
(4) As a result of formal or informal procedure under Sections 16 or 17(1) Housing Act, 1957 ..	19	23	9

	<i>Number of Houses</i>	<i>Displaced during year Persons Families</i>
--	---------------------------------	---

(5) Local Authority owned houses certified unfit by the Chief Public Health Inspector .. ..	—	—	—
(6) Houses unfit for human habitation where action has been taken under local Acts .. ..	—	—	—
(7) Unfit houses included in Unfitness Orders .. .. . Unsatisfactory temporary housing accommodation .. ..	— —	— —	— —
A.2. Number of Dwellings included above which were previously reported as closed .. ..	—	—	—

#### B. Unfit Houses Closed

(8) Under Sections 16(4), 17(1) and 35(1), Housing Act, 1957 ..	—	—	—
(9) Under Sections 17(3) and 26, Housing Act, 1957 .. ..	—	—	—
(10) Parts of buildings closed under Section 18, Housing Act, 1957 ..	1	3	1

#### C. Unfit Houses made Fit and Houses in which Defects were Remedied

	<i>By Owner</i>	<i>By Local Authority</i>
(11) After informal action by local authority .. .. .	113	—
(12) After formal notice under:		
(a) Public Health Acts ..	10	—
(b) Sections 9 and 16, Housing Act, 1957 .. .. .	—	—
(13) Under Section 24, Housing Act, 1957 .. .. .	—	—



# D. Unfit Houses in Temporary Use (Housing Act, 1957)

	(1)	(2)
	<i>Number of houses</i>	<i>Number of separate dwellings contained in column (1)</i>
Position at end of year		
(14) Retained for temporary accommodation:		
(a) Under Section 48 .. ..	—	—
(b) Under Section 17(2) .. ..	—	—
(c) Under Section 46 .. ..	—	—
(15) Licensed for temporary occupation under Sections 34 or 53 ..	—	—

# E. Purchase of Houses by Agreement

	(1)	(2)
	<i>Number of houses</i>	<i>Number of occupants of houses in column (1)</i>
(16) Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased in the year .. .. .	—	—
4. No. of families rehoused during the year into Council owned dwellings:		
(a) Clearance Areas, etc. .. .. .	.. .. .	10
(b) Overcrowding .. .. .	.. .. .	—
5. Rent Act, 1957		
(a) No. of certificates of disrepair granted .. ..	.. ..	Nil
(b) No. of undertakings to execute repairs given by owners to the local authority .. .. .	.. .. .	Nil
(c) No. of certificates of disrepair cancelled ..	..	Nil
6. Overcrowding		
Any comments in connection with this problem ..	..	Nil

## 7. New Dwellings

No. of new dwellings completed during the year:

By the local Authority .. .. .	20
By Private Enterprise .. .. .	305

I am indebted to the Borough Engineer for the undermentioned information re grants.

## 8. Grants for Conversion or Improvement of Housing Accommodation

	<i>Formal applications received during the year Number of dwellings</i>	<i>Applications approved during the year Number of dwellings</i>	<i>Number of dwellings completed during year</i>
(a) Conversions (The number of dwellings is the number resulting from completion of the work)	31	38	23
(b) Improvements			
(i) Discretionary	119	62	41
(ii) Standard	98	42	34

Requests for information re land charges totalled 2,202 against a figure of 1,984 for last year.

## Caravan Sites and Control of Development Act, 1960.

### Harrogate Corporation Act, 1935, Section 46.

#### Tents, Vans and Sheds.

There have been no further additions to the number of sites within the Borough. All are well conducted and comply with the Act.

There are six sites for caravans within the Borough and I give below the number of caravans permitted on each site.

The present sites still lack the accommodation to cope with summer visitors. The number of caravans on the roads is increasing daily and one wonders what the ultimate results of this desire to have a mobile home will be. More sites are necessary but every care must be taken to protect the amenities of the surrounding countryside. There should be more landscape gardening and screening of vans by shrubs and trees.

			<i>Residential</i>	<i>Holiday</i>
Harrogate Trailer Park	..	..	146	65
Nursery Garden, Almsford Bank	..	..	1	—
Village Farm, Old Bilton	..	..	66	20
Plantation Avenue	..	..	5	—
Village Farm Camping Club	..	..	—	30
Yorkshire Show Ground (Caravan Club)			—	80
			<hr/>	<hr/>
Total	..	..	218	195
			<hr/>	<hr/>

## WEST RIDING COUNTY COUNCIL (General Powers) ACT, 1951

### Food Hawkers

There are now forty-eight registered food hawkers and fifteen premises used by them for the storage of food. Close supervision is given to persons carrying out this trade and to the vehicles used for conveying food.

### Hairdressers and Barbers

Routine inspection of eighty-nine registered hairdressers and barbers was carried out during the year. A high standard has now been attained by persons operating in these premises. The supervision required is virtually negligible. Customers expect and receive hygienic conditions and general cleanliness.

### Rag Flock and Other Filling Materials Act, 1951

Five premises are registered under Section 2 of the Act.

### Pet Animals Act, 1951

Twelve inspections were carried out at the six licensed premises. There are difficulties in maintaining cleanliness in pet shops and these vary with the type of animal or bird kept for sale. A daily routine of cleaning cages, equipment and rooms must be established. If left for a periodical attack, the dirt can build up and eventually dishearten the person responsible for the cleanliness and hygiene of the shop.

Particular attention was given to the care and housing of animals for sale and the routine to be followed in case of an outbreak of fire in the building.

### Scrap Metal Dealers Act, 1964

There are ten registered premises. Trouble has been experienced from noise in breaking-up and handling scrap.

There is a continuous effort by certain persons to obtain registered premises under this Act in the belief that it is an easy way of making a living. Great care is taken in carefully scrutinising all applications especially those of itinerant traders.

## INSPECTION AND SUPERVISION OF FOOD

### MILK SUPPLY: MILK AND DAIRIES REGULATIONS

There are now 216 distributors of milk within the Borough, an increase of one over 1969.

There was an increase in the number of complaints received about dity milk bottles. It is essential to view this matter in the right perspective and realise that for every bottle that does not reach the prescribed standard of cleanliness there are many thousands that do so. This of course does not condone the fact that all should be clean. Human nature being what it is, the spotter system sometimes fails to function. The public, however, are largely to blame by the mal-practice to which they put the use of milk bottles. Non-returnable containers are the final answer. These will only be used when certain economic and disposal difficulties have been solved.

Registered	On Register Dec., 31st, 1970
Milk Distributors .. .. .	216
Dairies .. .. .	5

#### The Milk (Special Designation) Regulations, 1960

The following licences were in force at 31.12.70:

Type of Licence	Number
Milk Pasteurisers .. .. .	1
Dealers Pre-packed Milk .. .. .	212

#### Examination of Milk by the Methylene Blue and Phosphatase Tests

The number of samples taken for testing was 78. All were satisfactory.

Class of Milk	Numbers of samples tested	Appropriate Tests	Number of samples	
			Passed	Failed
Pasteurised ..	39 39	Phosphatase Methylene Blue	37 39	2 —
Total	78	Total	76	2

## SUMMARY OF CHEMICAL ANALYSIS OF MILK SAMPLES FOR 1970

Twenty-eight samples of milk were submitted to the Public Analyst for examination to ascertain the fat and solids—not-fat content, the presumptive standards being 3% and 8.5% respectively.

The average fat content for milk samples in the town was 3.69% Solids not fat averaged 8.76%.

The Channel Island milk averaged 4.51% fat and 9.01% solids.

### Summary of Chemical Analysis of Milk Samples Other than Channel Islands Milk

Period	No. of samples Examined	Averages	
		Fat %	Solids not Fat %
January .. .. .	—	—	—
February.. .. .	—	—	—
March .. .. .	—	—	—
Quarter ending 31.3.70.. ..	—	—	—
April .. .. .	—	—	—
May .. .. .	—	—	—
June .. .. .	3	3.42	8.80
Quarter ending 30.6.70.. ..	3	3.42	8.80
July .. .. .	—	—	—
August .. .. .	—	—	—
September .. .. .	6	3.84	8.73
Quarter ending 30.9.70.. ..	6	3.84	8.73
October .. .. .	—	—	—
November .. .. .	4	3.80	8.78
December .. .. .	10	3.83	8.73
Quarter ending 31.12.70 .. ..	14	3.82	8.75
Year ending 31.12.70 .. ..	23	3.69	8.76



## Channel Islands Milk

Period	No. of Samples Examined	Averages	
		Fat %	Solids not Fat %
January .. .. .	—	—	—
February .. .. .	—	—	—
March .. .. .	—	—	—
Quarter ending 31.3.70 .. ..	—	—	—
April .. .. .	—	—	—
May .. .. .	—	—	—
June .. .. .	1	4.25	9.01
Quarter ending 30.6.70 .. ..	1	4.25	9.01
July .. .. .	—	—	—
August .. .. .	—	—	—
September .. .. .	1	4.60	8.91
Quarter ending 30.9.70 .. ..	1	4.60	8.91
October .. .. .	—	—	—
November .. .. .	1	4.00	9.16
December .. .. .	2	4.84	8.97
Quarter ending 31.12.70 .. ..	3	4.42	9.07
Year ending 31.12.70 .. ..	5	4.51	9.01

### Registration of Premises Used for the Manufacture, Storage or Sale of Food

Premises registered for the sale of ice-cream now total 265.

44 premises engaged in manufacture of preserved food are registered with the department. Routine inspection of premises and equipment were carried out throughout the year. All proved to be in a satisfactory condition.

	Premises on Register 1969	Premises on Register 1970
Sale and Storage of ice-cream ..	271	265
Manufacture of ice-cream .. ..	4	4
Manufacture of preserved food ..	44	44

### INSPECTION OF MEAT

The Public Health Inspectors carried out during the year post mortem examinations of the 11,455 animals which were killed at the public slaughterhouse.

As a result of these inspections 6,508 lbs. of diseased meat was condemned, 212 lbs. of it being affected with tuberculosis.

The throughput of animals showed a decrease of 2,035.

The question of keeping open the slaughterhouse has been a very pertinent one for the Council for some time. The economics of the running and maintenance costs, whilst not serious at the moment, will eventually reach a stage where, taken into consideration with a falling throughput, the slaughterhouse becomes an impractical proposition.

Whilst there are advantages in having a large proportion of the town's meat supply killed and examined locally, these might not be strong enough to outweigh financial considerations. A new large authority will perhaps consider that a policy of centralisation should be introduced as soon as possible.

*Tuberculosis and Other Diseases      Tuberculosis*

1958	18,743 lbs.	6,609 lbs.
1959	16,544 lbs.	3,199 lbs.
1960	7,654 lbs.	1,825 lbs.
1961	7,849 lbs.	1,350 lbs.
1962	7,767 lbs.	1,353 lbs.
1963	9,701 lbs.	2,039 lbs.
1964	10,133 lbs.	1,190 lbs.
1965	7,899 lbs.	879 lbs.
1966	11,687 lbs.	592 lbs.
1967	12,816 lbs.	456 lbs.
1968	10,816 lbs.	135 lbs.
1969	10,706 lbs.	276 lbs.
1970	6,508 lbs.	212 lbs.

Detailed below is the table giving details of unsound meat condemned during the year. Figures represent weight in pounds.

	Whole Carcasses		Part Carcasses		Offal		Total	
	T.B.	Other Causes	T.B.	Other Causes	T.B.	Other Causes	T.B.	Other Causes
Cattle (Excluding Cows) ..	—	—	—	—	—	4175	—	4175
Cows .. ..	—	—	—	—	—	—	—	—
Calves ..	—	50	—	—	—	—	—	50
Sheep and Lambs	—	—	—	—	—	609	—	609
Pigs .. ..	—	—	76	—	136	1462	212	1462
Total ..	—	50	76	—	136	6246	212	6296

### Carcases Inspected and Condemned

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed and inspected	1,602	—	61	7,849	1,943
<b>All diseases except Tuberculosis and Cysticerci</b>					
Whole carcases condemned ..	—	—	1	—	—
Carcases of which some part or organ was condemned ..	487	—	—	213	357
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci ..	30.40	—	1.64	272	18.37
<b>Tuberculosis only</b>					
Whole carcases condemned ..	—	—	—	—	—
Carcases of which some part of organ was condemned ..	—	—	—	—	22
Percentage of the number inspected affected with tuberculosis ..	—	—	—	—	1.13
<b>Cysticercosis</b>					
Carcases of which some part or organ was condemned ..	—	—	—	—	—
Carcases submitted to treatment by refrigeration ..	—	—	—	—	—
Generalised and totally condemned ..	—	—	—	—	—

## PARTICULARS OF DISEASES FOUND IN ANIMALS INSPECTED AT SLAUGHTERHOUSE

The table shows the number of times diseases were found on post mortem inspection of animals. Fasciola Hepatica was again prominent. I think the time has now arrived when the Ministry could give more thought to this disease. If the losses throughout the country are pro-rata to Harrogate, then a great deal of valuable food is being lost. Ascaris, the common round worm found in the small intestines and bile ducts of pigs was prominent.

	Beasts	Calves	Sheep	Pigs	Total
Cirrhosis .. ..	26	—	18	1	45
Abscesses .. ..	97	—	20	6	123
Cysticercus Bovis.. ..	—	—	—	—	—
Tuberculosis .. ..	—	—	—	22	22
Parasitic .. ..	—	—	76	2	78
Angioma .. ..	1	—	—	—	1
Bruising .. ..	1	—	2	1	4
Tumours .. ..	—	—	—	—	—
Actinobacillosis ..	1	—	—	—	1
Fatty Infiltration ..	1	—	—	1	2
Pneumonia .. ..	29	—	201	357	587
Nephritis .. ..	—	—	—	27	27
Fasciola Hepatica ..	433	—	1888	8	2329
Inflammation .. ..	—	—	—	—	—
Pericarditis .. ..	2	—	3	128	133
Ascaris Lumbricoides ..	—	—	—	1027	1027
Mastitis .. ..	—	—	—	17	17
Emaciation .. ..	—	—	—	—	—
Moribund .. ..	—	—	1	—	1
Enteritis .. ..	—	—	—	—	—
Hydatid Cysts .. ..	—	—	2	3	5
Degenerate Cysts ..	1	—	20	—	21
Peritonitis .. ..	1	—	—	1	2

## SLAUGHTER OF ANIMALS ACT, 1958

There are now seven licensed slaughtermen on the register.

Number of slaughtermen on register 31.12.69 .. .. .	8
Applications for licences during 1970 .. .. .	7
Number of slaughtermen on register 31.12.70 .. .. .	7

### **Cysticercus Bovis**

It is very pleasing to report that no cysticercus bovis was found during the year.



## PARTICULARS OF OTHER FOODS CONDEMNED DURING THE YEAR, 1970

Approximately three tons of food found to be unfit for human consumption was condemned and disposed of at the Council's tip.

This was two tons less than last year. Tinned meat showed the highest figure with vegetables second. I took up the question of the canning of acid foods with the manufacturers last year. Despite a strong coating of lacquer to the inside of the can, rhubarb, after a lapse of time, broke through this protective coating. Most manufacturers apparently recognise this problem and advise their clients that they ought to try and clear their stocks within one year of manufacture. The stripping of lacquer by acid foods has been a problem for a number of years and the speed at which this occurs depends very much on the temperature of storage and the time from packing.

If acid food of this nature is likely to attack the lacquers inside a can then a limited shelf life should be stated on the can.

Description	No. of containers, etc.	Weight	
		lbs.	ozs.
<b>Tinned Food</b>			
Cereal .. .. .	—	—	—
Drinks .. .. .	17	32	12
Fish .. .. .	6	4	—
Fruit .. .. .	15	46	16
Meat .. .. .	93	679	2
Milk .. .. .	164	67	—
Soup .. .. .	10	6	14
Vegetables .. .. .	222	251	4
<b>General</b>			
Cheese .. .. .	411	642	4
Fish .. .. .	1441	989	14
Fruit .. .. .	21	156	—
Milk and Milk Products .. .. .	302	177	6
Meat .. .. .	1265	2029	—
Pastry, Cake and Biscuits .. .. .	307	162	1
Preserves .. .. .	1	2	—
Salt .. .. .	—	—	—
Soup .. .. .	—	—	—
Sauce, Pickles, etc. .. .. .	—	—	—
Sugar and Sweets .. .. .	—	—	—
Tea and Coffee .. .. .	—	—	—
Vegetables .. .. .	1358	980	8
Others .. .. .	31	444	15
Total Weight: 2 Tons 19 Cwt. 64 Lbs.			

## WORK CARRIED OUT AT FOOD PREMISES

Close supervision has been maintained of all premises handling food. Defects and infringements of Acts and Regulations were found and these are enumerated in the table below.

There were no definite cases of food poisoning during the year. The routine inspections of the catering services of the town were strictly carried out and also of shops and premises where food is manufactured, prepared or sold.

The table of defects remedied and improvements carried out in food premises during the year again points out the necessity of maintaining a positive routine inspection. Difficulty is being experienced in this direction, owing to the increasing duties of the public health inspector. Complaints of a wide variety reach the department each day and these must be given priority. Scheduled routine work thus becomes a secondary consideration and must be fitted in when time allows.

In this respect one cogitates on the advantages of specialisation. To be proficient this system demands an adequate staff to cope with all the demands of the department. I would pose the question—how many health departments employ sufficient public health inspectors able to meticulously cope with the duties imposed upon them by the numerous Acts, Regulations and Orders covering the welfare of the people?

Articles, apparatus, clothing, cleansed .. .. .	98
Double sinks provided and washing facilities improved	17
First Aid Kit provided .. .. .	102
Food protected against flies, dust, etc. .. .. .	15
Kitchen fittings re-sited .. .. .	19
Lighting improved .. .. .	14
Lockers for storage of employees' clothing provided ..	5
Sanitary accommodation provided, improved or cleansed	127
Table tops made impervious .. .. .	17
Ventilation provided or improved .. .. .	14
Walls, ceilings, floors, etc., cleansed .. .. .	222
Walls, ceilings, floors, etc., repaired .. .. .	64
Washing facilities maintained (personal) .. .. .	850
Washing facilities provided (personal) .. .. .	12
Washing facilities improved and maintained (food and utensils) .. .. .	863
Miscellaneous .. .. .	24

There are 1,019 food premises in the Borough classified as follows:

Cafes, etc.	..	..	..	..	..	..	51
Clubs-hotels	..	..	..	..	..	..	135
General food shops	..	..	..	..	..	..	160
Ice-cream	..	..	..	..	..	..	272
Butchers: Meat preparation premises	..	..	..	..	..	..	55
Fried fish shops	..	..	..	..	..	..	29
Wet fish shops	..	..	..	..	..	..	10
Bakehouses	..	..	..	..	..	..	28
Dairies-milk shops	..	..	..	..	..	..	144
School canteens	..	..	..	..	..	..	24
Other canteens	..	..	..	..	..	..	34
Confectioners	..	..	..	..	..	..	26
Hawkers	..	..	..	..	..	..	48
Market Hall	..	..	..	..	..	..	1
Wholesale depots	..	..	..	..	..	..	2

## LEGAL PROCEEDINGS

In the table below are details of cases which reached the Court. Many more complaints were received. These were satisfactorily resolved without legal action. In a number of instances the food was canned or produced abroad and action was limited to an exchange of correspondence. Sometimes food was brought to the department after a prolonged delay when it was found impossible to give a reasonable judgment on its condition. Certain people, whilst willing to lodge a complaint, refused to give evidence or go to court.

In other instances the circumstances were of such a nature that an amicable settlement of the complaint was reached to the satisfaction of the parties concerned.

From the above it will be seen that reaching a decision in regard to food complaints is not a straightforward matter and sometimes requires the judgement of a Solomon.

<i>Food</i>	<i>Action taken</i>
Mouldy sausage .. .. .	Fined £25
Foreign body in custard tart ..	Fine £10
Foreign body in malted cereal ..	Fined £10
Mouldy cream cakes .. .. .	Fined £10
Foreign body in brown malt loaf ..	Fined £25
Foreign body in buttered bread cake	Fined £3
Foreign body in barley kernels ..	Fined £10
Mouldy crumpets .. .. .	Fined £7
Foreign body in date slice .. ..	Fined £5
Mouldy steak and kidney pie .. ..	Warning letter
Foreign body in Florentine cake ..	Fined £25

## FOOD AND DRUGS ACT, 1955

During the year 60 samples were taken for chemical analysis, 41 of these being formal and 19 were informal.

Three samples were found to be not genuine, one being chopped ham, the other two were pork sausage. The manufacturers of the chopped ham decided to rename the product Chopped Ham and Pork and to remove the word "sausage" referred to on the wrapper and to amend the list of ingredients to exclude "beef". The meat content was to be raised to 90%.

The pork sausages were deficient in meat content and as the margin was a small one a warning was given to the respective firms.

<i>Article</i>	<i>Formal</i>	<i>Informal</i>
Milk shake syrup .. .. .	—	1
Beef Sausage .. .. .	3	—
Cream of tartar .. .. .	—	1
Cheese spread with mushrooms ..	—	1
Cheese spread with celery .. ..	—	1
Soft cheese with ham .. .. .	—	1
Chopped pork .. .. .	—	1
Chopped ham .. .. .	—	1
Double cream .. .. .	—	1
Ground almonds .. .. .	—	1
Raspberry fool (fresh cream desert)	—	1
Mixed spices .. .. .	—	1
Milk .. .. .	28	—
Cochineal .. .. .	—	1
Liver sausage .. .. .	—	1
Pork sausage .. .. .	3	—
Black pudding .. .. .	—	1
Full cream evaporated milk .. ..	—	1
Arrowroot .. .. .	—	1
Mini-fruits (cake decorations) ..	—	1
Strawberry jam .. .. .	1	—
Glaze cherries .. .. .	—	1
Mashed potatoes .. .. .	—	1
Whisky .. .. .	6	—
Total .. .. .	41	19

## POULTRY INSPECTION

Number of processing premises .. .. .	1
Number of visits made to these premises during the year	32
Total number of birds processed during the year ..	4,600
Types of birds processed: turkeys, ducks, hens, broilers, capons, etc.	
Percentage of birds rejected as unfit for human consumption	3
Weight of poultry condemned as unfit for human consumption	422 lbs.



## **PUBLIC CLEANSING—HOUSEHOLD AND TRADE REFUSE**

**1st April, 1970 to 31st March, 1971**

### **Collection of Refuse**

Refuse was collected from 25,078 houses and other premises within the Borough.

31,488 bins and 230  $1\frac{1}{4}$  cu. yd. containers are emptied once every seven days. The average number of bins dealt with per man per day was 180 and a team of four averaged 3,600 per week.

Having regard to the fact that the average 'carry', i.e. distance from house to vehicle, is a lengthy one, these totals are very impressive and underly the value of the present bonus scheme. The men are still very enthusiastic about work measurement and are keen to maintain their places in the respective gangs. No man willingly absents himself unless his sickness makes it necessary to do so. There have been approximately two exceptions to the above observations but the attitude of the other men towards them prompted them to leave the Council's employment.

### **Collecting Vehicles**

Collection of refuse is carried out with rear loading vehicles with a total carrying capacity of 603 cu. yds. Three new vehicles were added to the fleet.

I have been very pleased with the performance of the impellor vehicles. Their semi-pulverising action has been of great assistance in disposing of the refuse by controlled tipping. They have been well maintained and the drivers have taken great pride in being in control of a machine which has presented a bright and cheerful appearance to the public. The cost of repairs, though higher than last year, £2,190 against £1,276, is still exceedingly low. Every effort is made to deal with defects before they become major problems. Servicing is strictly carried out.

All the refuse vehicles average two journeys to the tip per day.

My own personal relations with the men over the past twenty-five years have indeed been happy ones. I have always regarded their work as one of the most essential in the country and oft times felt they were not receiving the reward or recognition they merited. There have, however, been plenty of comments on their courtesy and cheerfulness plus a willingness to oblige everyone if within their power to do so. I am sorry to be leaving them but know they will continue to serve the town in the future as they have done in the past.

Refuse is still increasing in bulk as mentioned in previous reports and plastics continue to steadily increase in quantity. This is what one must continue to expect, a  $3\frac{1}{4}$  cu. ft. bin will eventually have to be

replaced by a 5 cu. ft. one. Far too many people are now using two dustbins per household, which results in the dustmen walking six times to and fro from the vehicle instead of four times.

It is hoped to introduce the plastic sack with the appropriate plastic tub next year. Thus if a person does use two sacks per week the men are quite capable of carrying both and reducing their journeys to two.

The introduction of an extensive one-way traffic system has not affected the work of the department. Some adjustment of schedules was necessary.

Accidents have remained at the same number as in the previous year. This is satisfactory having regard to the steady increase of traffic generally and the speed at which it travels through the town.

Make	Method of Loading	Year of Make	Capacity (cu. yds.)
One Karrier	Side	1964	10
Three S. & D. Fore and Aft Tippers	Rear	1959 1963 1970	18 25 P.P. 15 P.P.
Five S. & D. Pakamatic	Rear	1965 1966 1967 1967 1970	35 35 35 35 35
Six Karrier Musketeer	Rear	1968 1969 1969 1969 1969 1970	19/60 19/60 19/60 19/60 19/60 19/60
One Karrier	Side	1969	5 ton tipper

### Trade Refuse

The following are the charges made for the collection of trade refuse:

annual charge made for all bins in excess of one per week—

cost per bin, approximately 10d.

5s. per  $1\frac{1}{4}$  cu. yd. container.

### Hotel Refuse

One free collection is made per week. For each weekly collection in addition to the former the sum of £5 5s. 0d. per annum is charged.

## Private Tipping

The charges made for the private tipping of refuse by individuals are 7/6d. per load up to 2 tons and 15/0d. per load over 2 tons. During the year 1,603 loads of refuse were disposed of on this basis yielding a revenue of £556.81.

## Tonnage and Frequency of Collection

The highest weekly tonnage of refuse was 962 tons which was collected during the week ending 14.1.71, this being the week following the end of the three week strike. The lowest tonnage was 438 tons collected during the week ended 5.12.69.

26,788 tons of household and trade refuse were collected during the year against 27,298 tons for 1969/70.

### Estimated tonnage of Materials Handled by Cleansing Department, 1970—71

Type	Collection	Disposal
Household Refuse .. .. .	23,248	23,248
Trade Refuse .. .. .	821	821
Covering Materials .. .. .	1,267	1,267
Night Soil .. .. .	—	2
Salvage .. .. .	1,452	—
Road Sweepings and Street Gully Solids ..	—	3,300
Trade Refuse (disposal only, not collected by Cleansing Department) .. .. .	—	3,240
Materials delivered to tips by other departments	—	729
Total ..	26,788	33,507

## Hours Lost through Sickness and Accidents

4,560 hours were lost through sickness, a decrease of 1,328 on the previous year. This is equivalent to losing the output of approximately two men.

The hours lost because of accident were also down—a decrease of 136 on the previous year. The figures being 168 hours in 1970/71 against 304 hours in 1969/70.

Week	Spring quarter		Summer quarter		Autumn quarter		Winter quarter	
	Sick	Accidents	Sick	Accidents	Sick	Accidents	Sick	Accidents
1	120	—	88	—	72	—	8	—
2	88	—	72	—	40	—	184	—
3	80	—	8	—	88	—	160	—
4	80	—	48	—	40	—	80	—
5	88	—	104	—	40	—	40	—
6	40	—	128	—	40	—	160	—
7	112	—	168	—	40	16	96	24
8	152	—	120	—	112	56	40	40
9	152	—	64	—	40	32	88	—
10	120	—	56	—	64	—	104	—
11	160	—	72	—	56	—	112	—
12	120	—	136	—	24	—	144	—
13	96	—	112	—	—	—	104	—
Total	1408	—	1176	—	656	104	1320	64

### Summary:

				<i>Sickness</i>	<i>Accidents</i>
Spring Quarter..	..	..	..	1,408	—
Summer Quarter	..	..	..	1,176	—
Autumn Quarter	..	..	..	656	104
Winter Quarter	..	..	..	1,320	64
				<hr/> 4,560 <hr/>	<hr/> 168 <hr/>

### Disposal of Refuse

The marathon tipping on the Yorkshire Showground ended during the year. Work commenced in March, 1955, to level part of the Crimple Valley. Whilst this scheme was in progress three other tasks were undertaken, i.e. filling in the railway cutting which passed through the ground, extending the rose gardens and land adjacent to the flower pavilion and levelling the ground adjacent to the fifth entrance.

A total of 248,860 tons of refuse was disposed of on these four projects.

Work was commenced at Leconfield quarry with the ultimate object of afforestation with conifers.

For many years a site known as the Convent Pond has constituted a danger to children who used it for fishing and other purposes. It was fed by a series of land tiles from an adjoining sports field. After a week's pumping it was drained and the fish given to local clubs for restocking their respective rivers. Work of filling, levelling, soiling



and seeding has now been completed. This, from all points of view, has proved to be a very satisfying job.

Stonefall Brickworks, a very large clay pit, has been purchased by the Council. It is estimated to contain some 35 million gallons of water. As I write this report the work of pumping this water out of the pit is nearly completed. The kilns and chimney are to be felled and the site will become the headquarters of the disposal staff for the next six years or more. The Department hope to make it, both from an aesthetic and practical point of view, a model tip.

### Amenity Tip

The amenity tip continued on its popular way. After a fine weekend it took the combined effort of a mechanical shovel and five ton vehicle, two days to clear up and transport the householders' discards to the permanent tip. Twelve cubic yard skips and vehicle are to bring order and labour saving to this site in the early months of 1971.

The battle with sundry persons who tried to dispose of their trade refuse on this site and also with individuals and gangs who sought monetary gain from scrap metal, etc. was fought with vigour if not enthusiasm by the department and the police.

In many respects 'a good time was had by all'.

### Salvage

A sum of £14,512 was received from the sale of waste paper. Only two men are employed in the paper shed. They work on a measurement scheme. The results speak for themselves.

During the year the recovery of scrap metal was stepped up and the income from this source should improve in the coming year.

The following table shows how the 1970/71 amount was made up:

Materials	Tons	Cwts.	Qrs.	£	p
Waste Paper .. ..	1,356	5	0	14,512	48
Scrap Tins .. ..	96	3	1	461	77
Totals	1,452	8	1	14,974	25



The table below shows the value of Salvage sold since the cessation of hostilities:-

		£	s.	d.
1946-60 .. ..	62,195	16	7	
1960-61 .. ..	7,186	1	7	
1961-62 .. ..	8,416	11	3	
1962-63 .. ..	6,511	12	8	
1963-64 .. ..	6,491	10	1	
1964-65 .. ..	6,710	11	2	
1965-66 .. ..	8,507	13	6	
1966-67 .. ..	9,853	8	5	
1967-68 .. ..	9,183	1	10	
1968-69 .. ..	10,623	9	9	
1969-70 .. ..	15,122	16	10	
1970-71 .. ..	14,974	5	0	

Though the men were on strike for only a short period this prevented a record total be reached.

### Protective Clothing

Each man employed in the collection and disposal of refuse is equipped as follows:

1 overall jacket and 2 bib and brace trousers (annual issue).

1 three-quarter length waterproof coat and 1 pair of waterproof leggings (biennial) issue).

## PUBLIC CLEANSING COSTS FOR YEAR ENDING 31st MARCH, 1971

The table below gives the financial statistics for refuse collection and disposal.

The total cost per ton for refuse disposal was £0·29 which, after deduction of the amount received for salvage, gave a credit of £0·05 for every ton tipped.

By the time this report is published the Working Party Report on Refuse Disposal will be in the hands of Councils and other interested parties. I had the honour and privilege to serve three years on the Working Party. My belief in controlled tipping from an economic

and land reclamation point of view still remains. If the suggestions in the report are carried out in detail and I emphasise that they cannot be without the expenditure of money, then the marginal and waste land in this country can be restored at a reasonable cost to a functional use.

The land reclamation schemes carried out in Harrogate have been accomplished with the minimum of cost to the ratepayers.

Salvage sold averaged £0.24 per head of population.

The net cost of collection and disposal was £3.67 per ton, which again was a satisfactory figure.

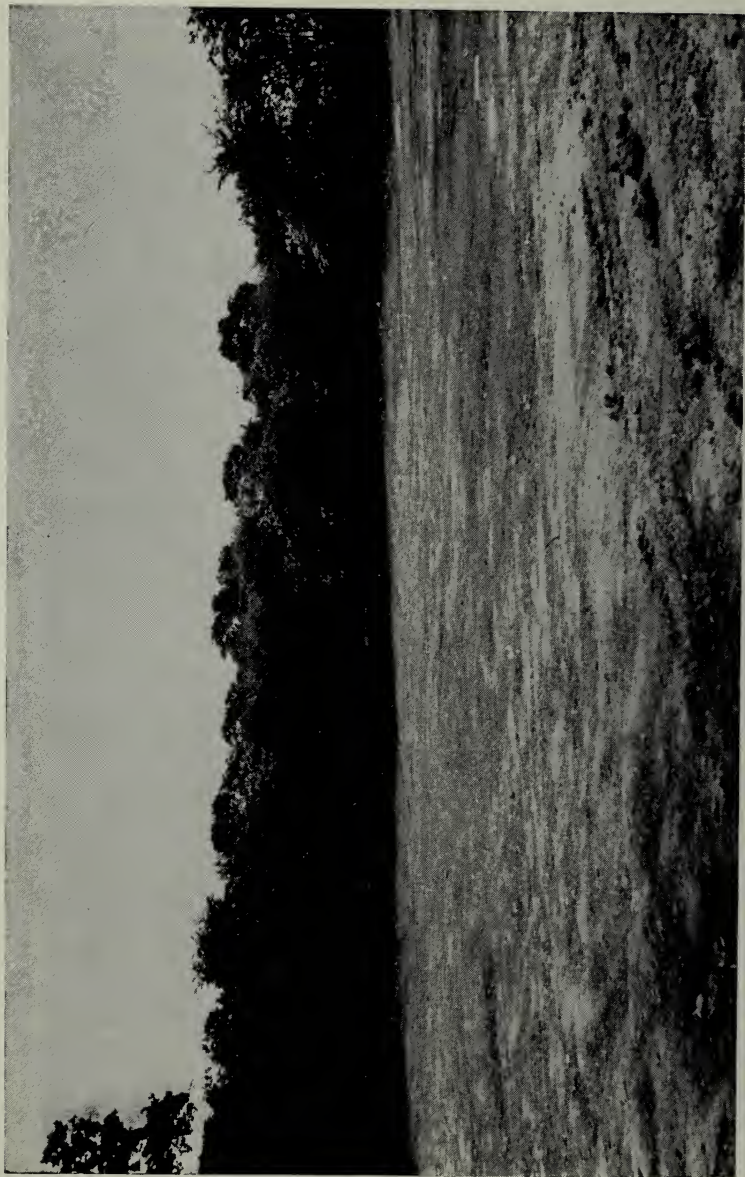
Labour was responsible of 62% of total cost and transport 33%.

Item	Particulars 1	Collection 2	Disposal 3	Totals 4	Percentage of total gross expenditure 5
1	<b>Revenue Account</b>	£	£	£	%
	<b>Gross Expenditure</b>				
	(i) Labour .. ..	60,907	9,855	70,762	62
	(ii) Transport .. ..	37,151	—	37,151	33
	(iii) Plant, equipment, land and other buildings .. ..	1,498	3,644	5,142	4
	(iv) Other items .. ..	807	666	1,473	1
	(v) Total gross expenditure .. ..	100,363	14,165	114,528	100
2	<b>Gross Income</b> .. ..	743	15,894	16,637	
3	<b>Net Cost</b> .. ..	99,620	Cr 1,729	97,891	
4	Capital expenditure met from revenue (included above) .. ..	—	—	—	
5	<b>Unit Costs</b>	£	£	£	
	Gross cost per ton, labour only .. ..	2.27	0.29	2.56	
6	Gross cost per ton, transport only .. ..	1.39	—	1.39	
7	Net cost (all expenditure per ton) .. ..	3.72	Cr 0.05	3.61	
8	Net cost per 1,000 population .. ..	£ 1,586	£ Cr 27	£ 1,559	
9	Net cost per 1,000 premises .. ..	3,842	Cr 67	3,775	



*Convent Pond, September 1970—after pumping of water prior to commencement of tipping operations.*





*Convent Pond, May, 1971—after completion of tipping operations and covering with soil  
preparatory to seeding with grass.*

## OPERATIONAL STATISTICS

10. Area (statute acres)—land and inland water .. ..	8,320
11. Population at 30th June, 1970 (Registrar General's Estimate) .. .. .	62,810
12. Percentage of total refuse collected (tons) weighed ..	4.00%
13. Total refuse collected (tons). Estimated from regular test weighings .. .. .	26,788
14. Weight (cwts.) per 1,000 population per day, 365 days to year .. .. .	23.40
15. Number of premises from which refuse is collected ..	25,926
16. Premises from which collections are made at least once weekly .. .. .	100%
17. Average haul, single journey to final disposal point ..	5.3 (miles)
18. Kerbside collection expressed as estimated percentage of total collection .. .. .	Nil
19. Total refuse disposed of .. .	33,507 (tons)
20. Methods of disposal (salvage excluded) controlled tipping .. .. .	100%
21. <b>Salvage.</b> Analysis of income and tonnage:	
	<div><div><i>Income</i> (Included in Item 2) £</div><div><i>Tonnage</i> Collected (Included in Item 13) Tons</div></div>
(a) Raw Kitchen Waste .. ..	—
(b) Scrap Metal .. ..	462
(c) Waste Paper .. ..	14,512
(d) Other Salvage .. ..	—
(e) Totals .. ..	14,974
22. <b>Trade Refuse:</b>	
Income .. .. .	1,114
	821











PRINTED BY  
JOSEPH WARD & CO. (PRINTERS) LTD.,  
WESLEY PLACE, WELLINGTON ROAD,  
DEWSBURY